Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

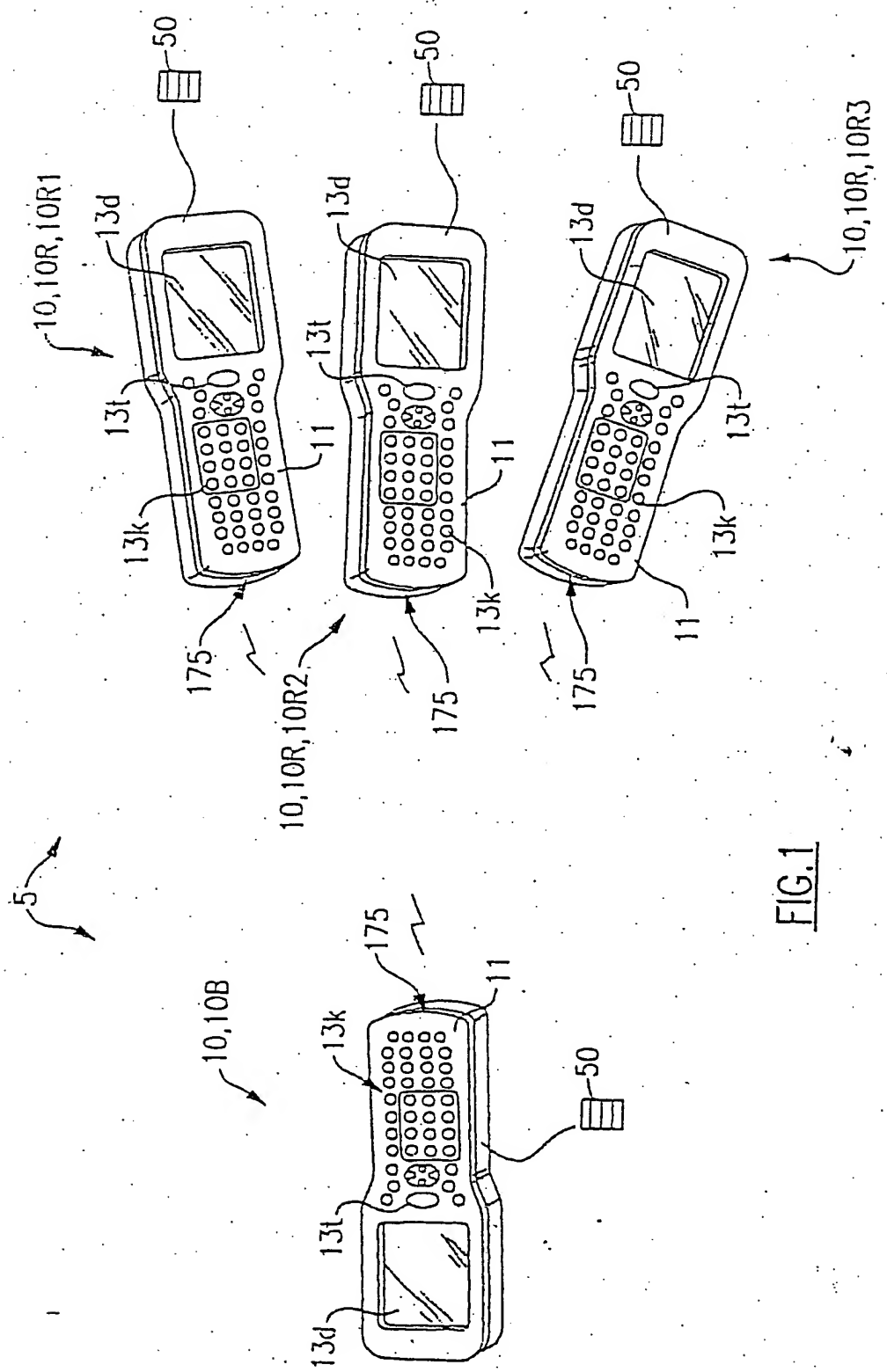


FIG.1

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

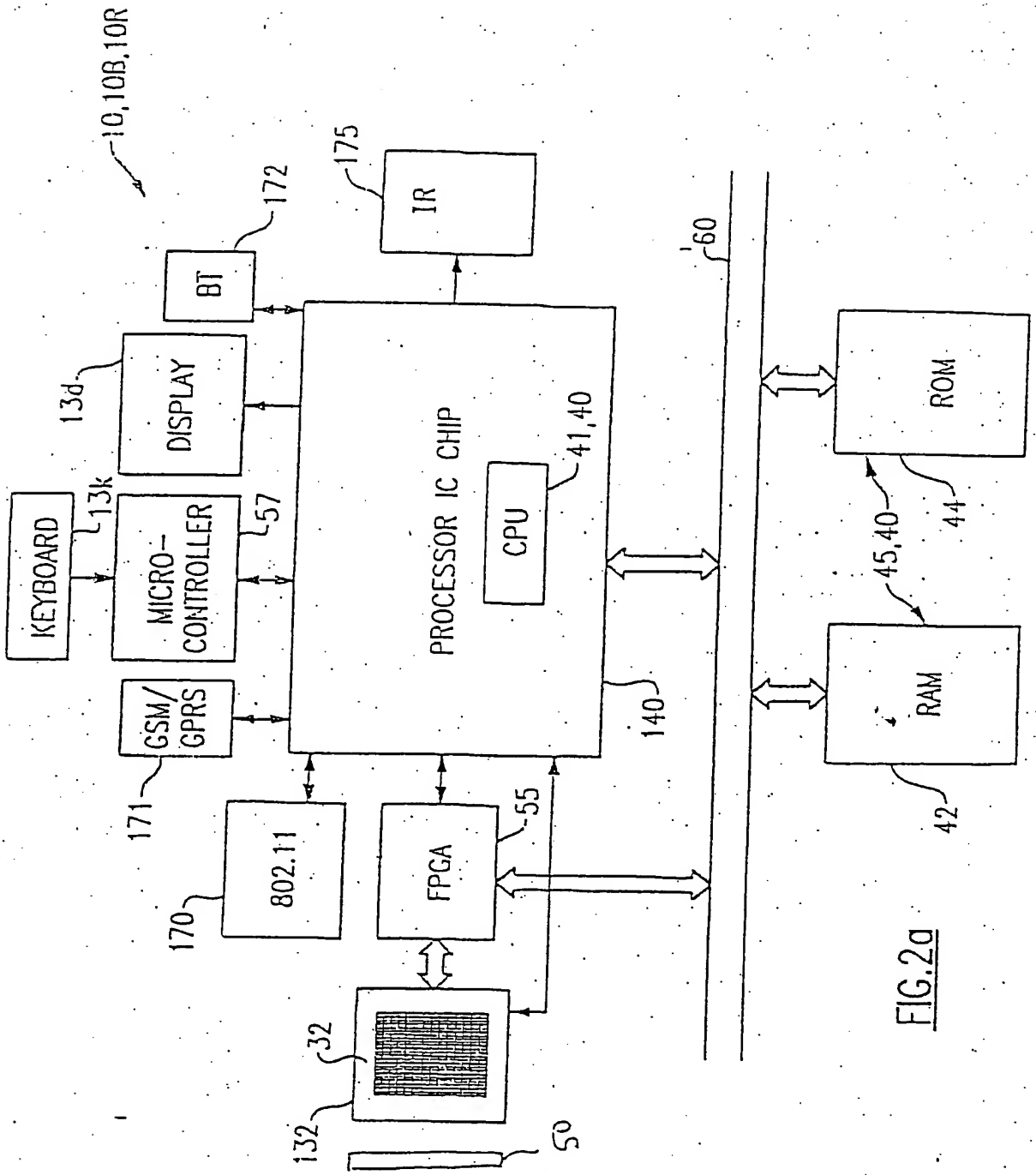


FIG.2a

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

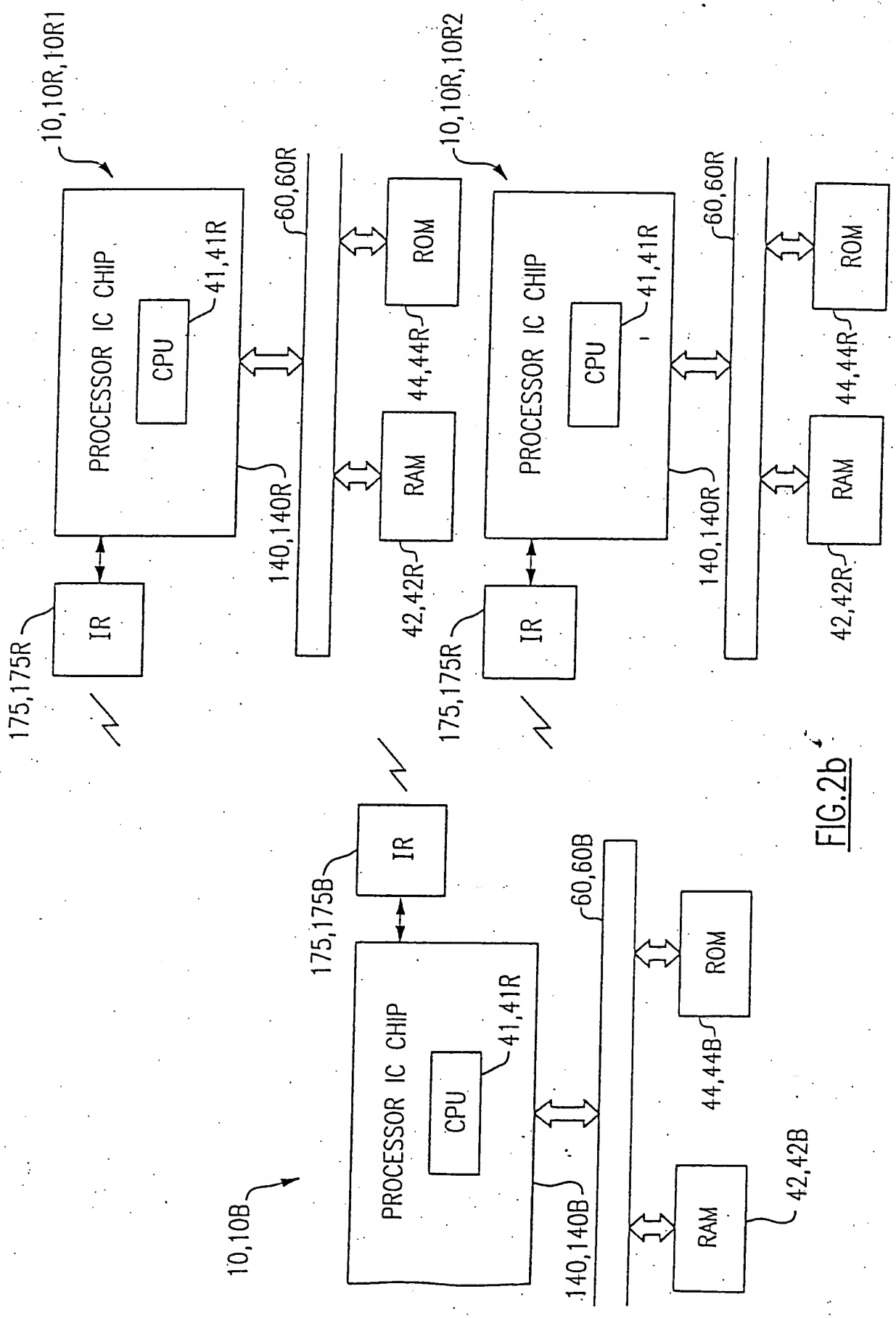


FIG.2b

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

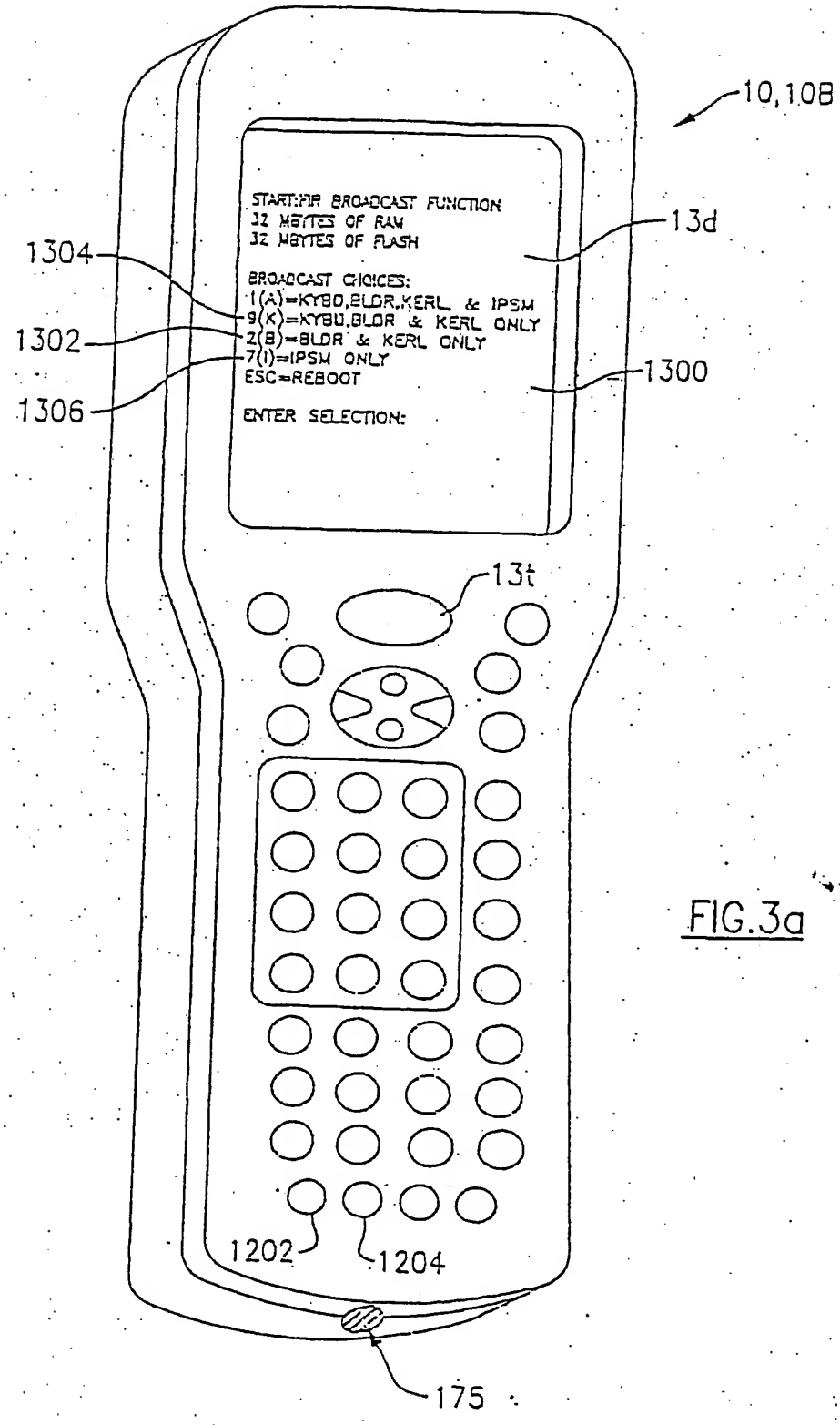


FIG.3a

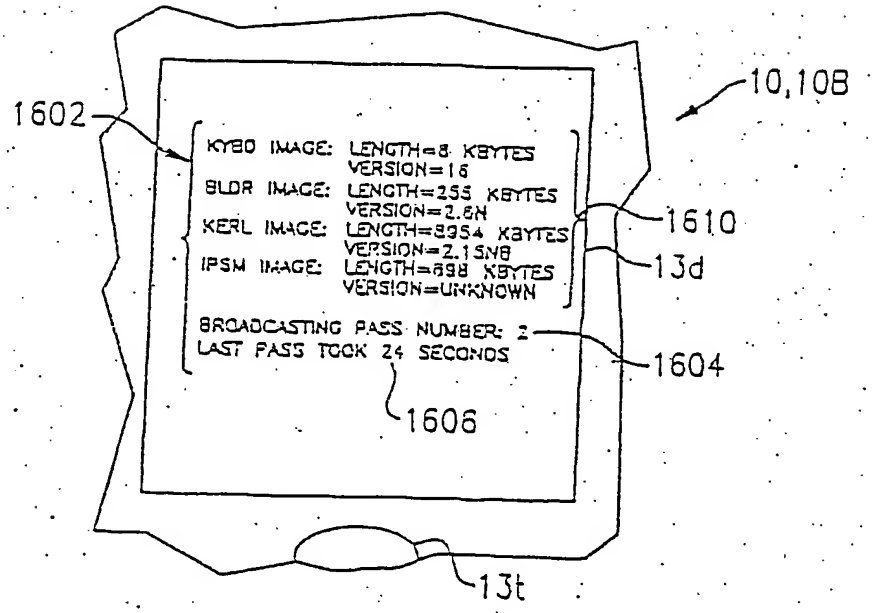

10,10B
1602
KYBD IMAGE: LENGTH=8 KBYTES
VERSION=16
BLDR IMAGE: LENGTH=255 KBYTES
VERSION=2.6N
KERL IMAGE: LENGTH=8954 KBYTES
VERSION=2.15N8
IPSM IMAGE: LENGTH=698 KBYTES
VERSION=UNKNOWN
BROADCASTING PASS NUMBER: 2
LAST PASS TOOK 24 SECONDS
1610
13d
1604
1606
13t

FIG.3b

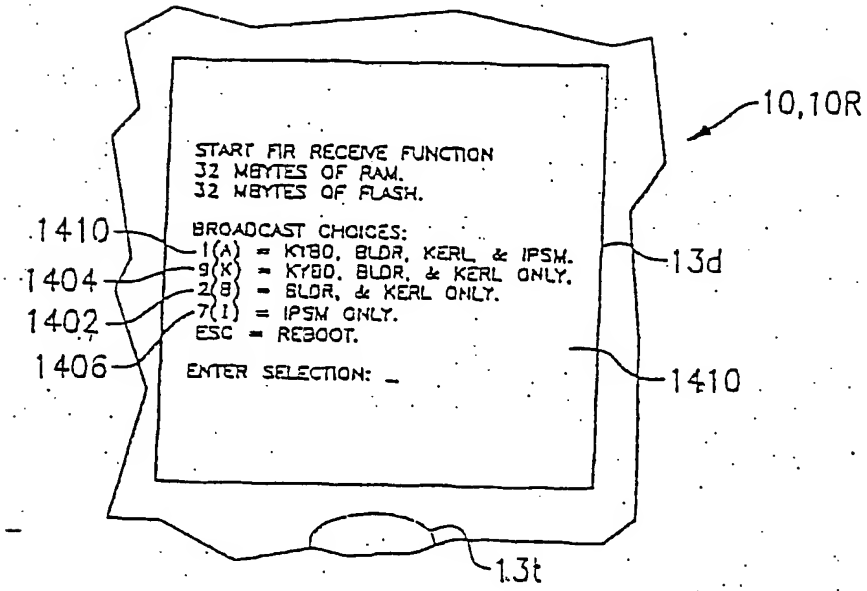

10,10R
START FIR RECEIVE FUNCTION
32 MBYTES OF RAM.
32 MBYTES OF FLASH.
BROADCAST CHOICES:
1(A) = KYBD, BLDR, KERL & IPSM.
9(X) = KYBD, BLDR, & KERL ONLY.
2(B) = BLDR, & KERL ONLY.
7(I) = IPSM ONLY.
ESC = REBOOT.
ENTER SELECTION: _
1410
1404
1402
1406
13d
1410
13t

FIG.3c

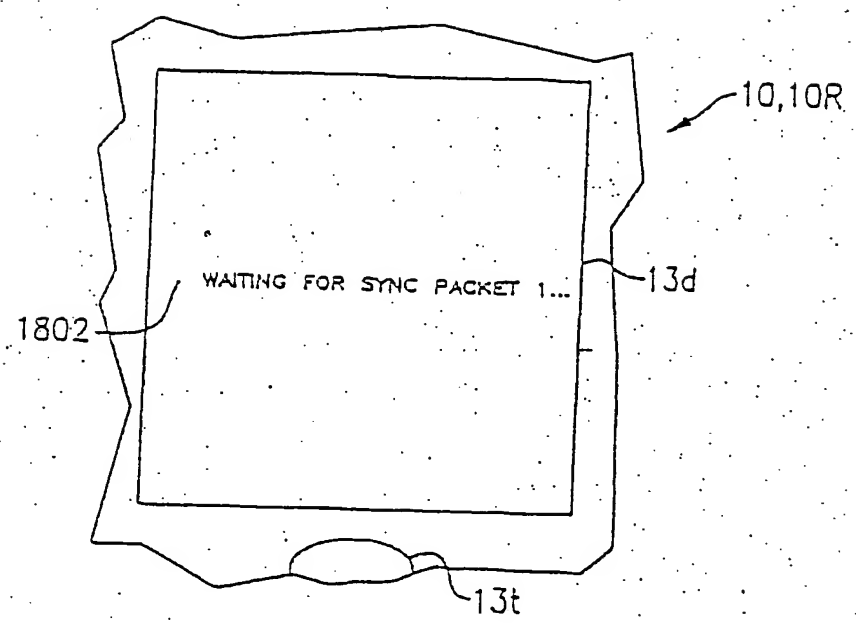

10,10R
WAITING FOR SYNC PACKET 1...
13d
1802
13t

FIG.3d

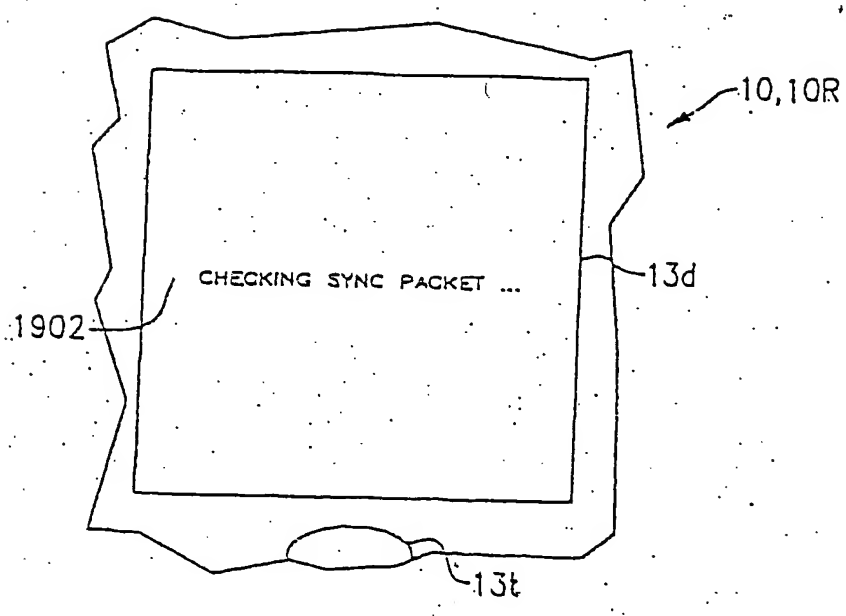

10,10R
CHECKING SYNC PACKET ...
13d
1902
13t

FIG.3e

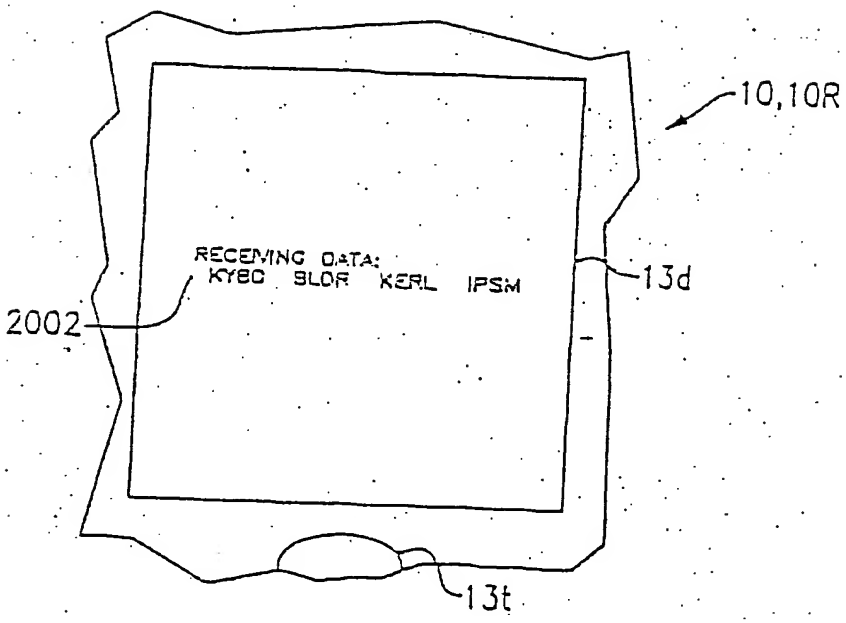

10,10R
RECEIVING DATA:
KYBD SLOR KERL IPSM
13d
2002
13t

FIG.3f

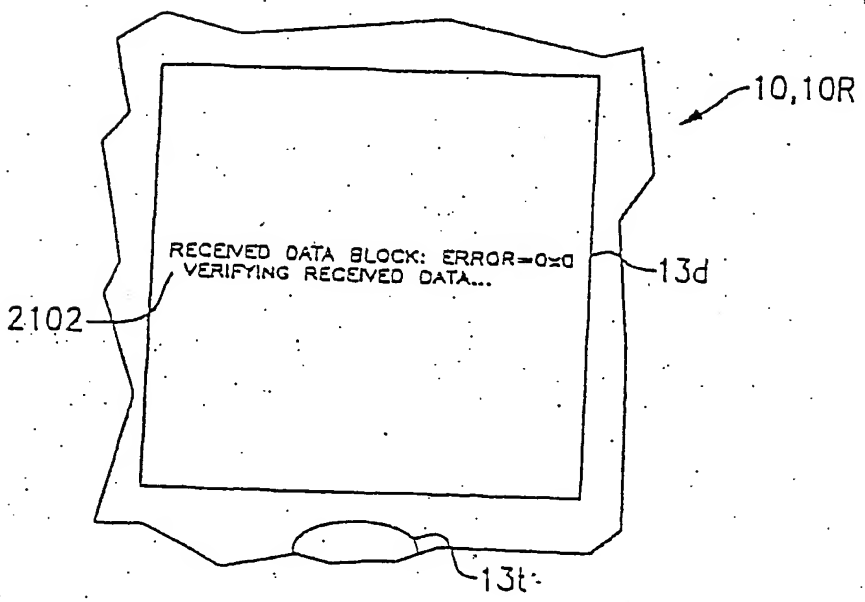

10,10R
RECEIVED DATA BLOCK: ERROR=0x0
VERIFYING RECEIVED DATA...
13d
2102
13t

FIG.3g

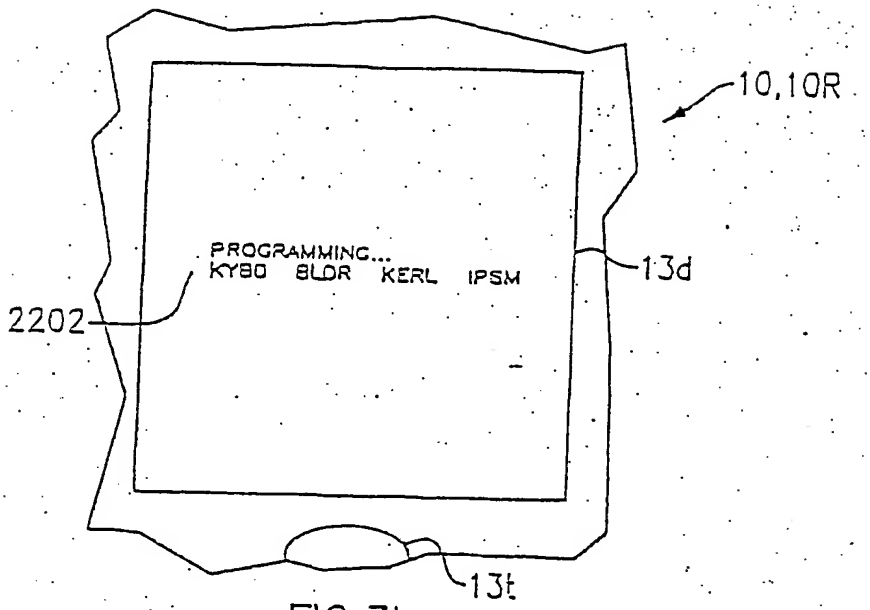


FIG.3h

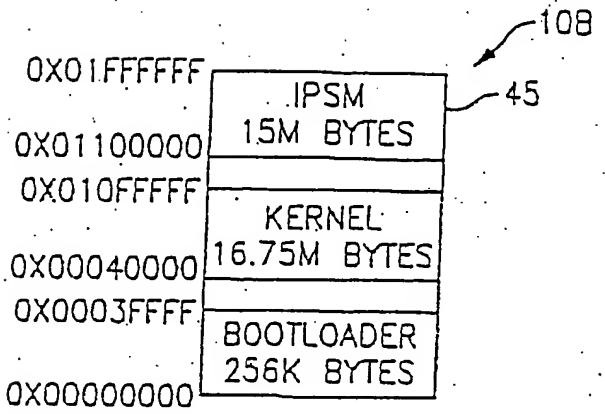


FIG.4a

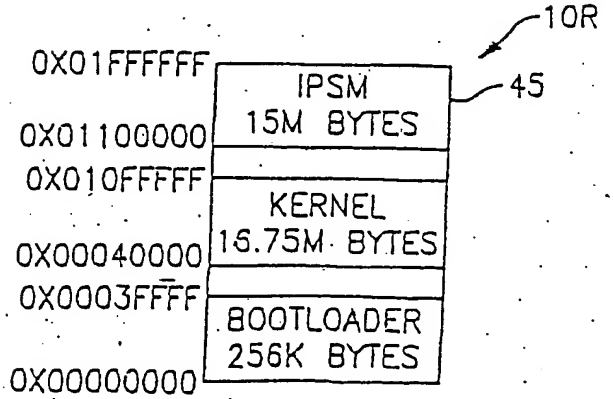


FIG.4b

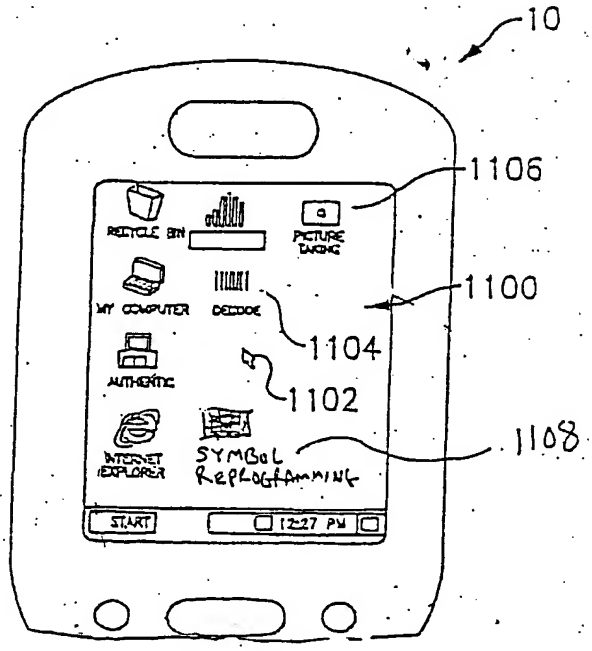


FIG.5

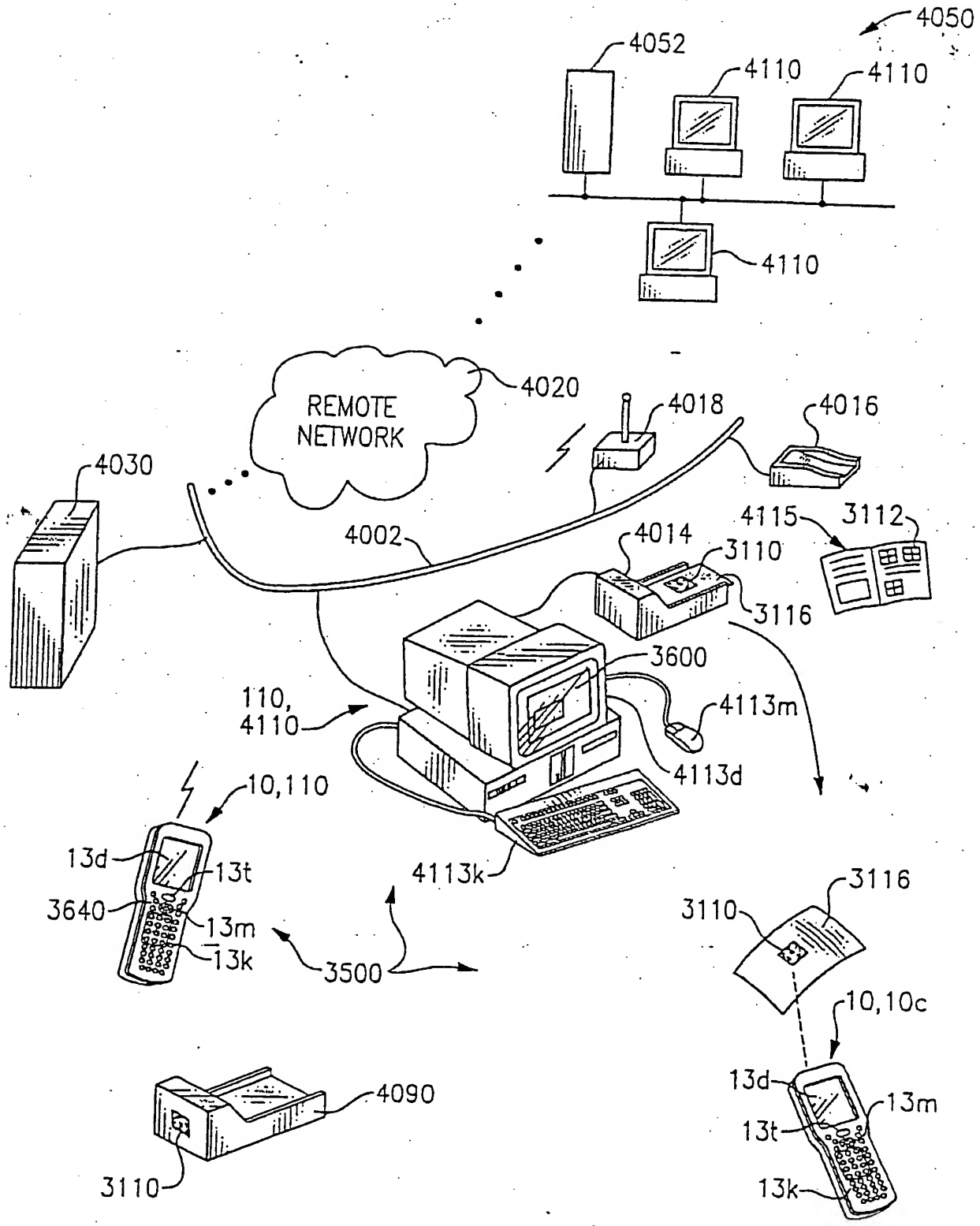

4050
4052
4110
4110
4110
REMOTE NETWORK
4020
4018
4016
4030
4002
4115
3112
4014
3110
3116
3600
110, 4110
4113m
4113d
10,110
13d
13t
3640
13m
13k
4113k
3500
3116
3110
10,10c
13d
13m
13t
13k
4090
3110

FIG.6a

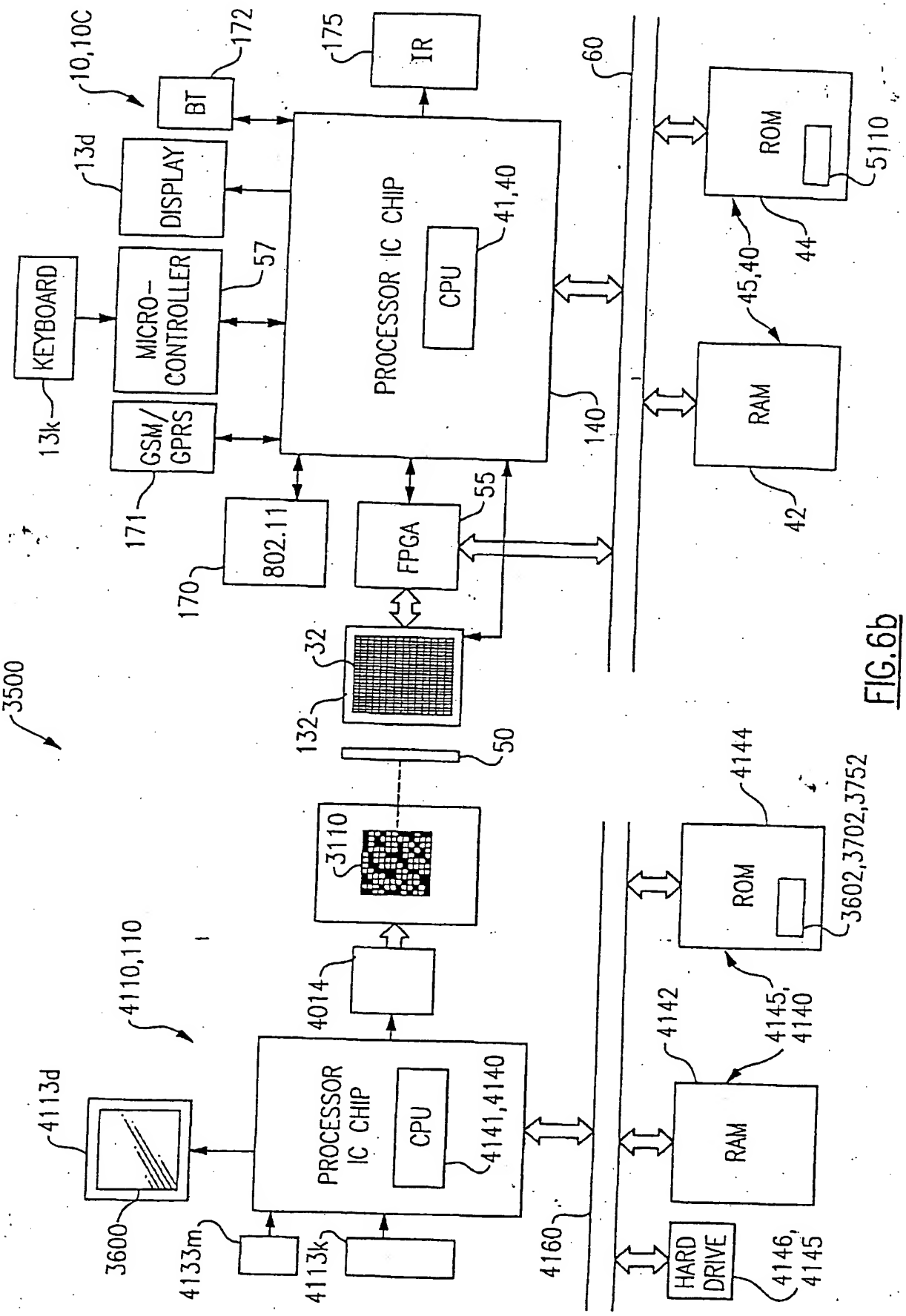

3500
10,10C
BT
172
IR
175
13d
DISPLAY
PROCESSOR IC CHIP
CPU
41,40
60
ROM
5110
KEYBOARD
13k
MICRO-CONTROLLER
57
GSM/GPRS
171
802.11
170
FPGA
55
140
RAM
42
45,40
44
32
132
50
3110
4144
ROM
3602,3702,3752
4110,110
4014
4142
4145,4140
4113d
PROCESSOR IC CHIP
CPU
4141,4140
RAM
3600
4133m
4113k
4160
HARD DRIVE
4146,4145

FIG.6b

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

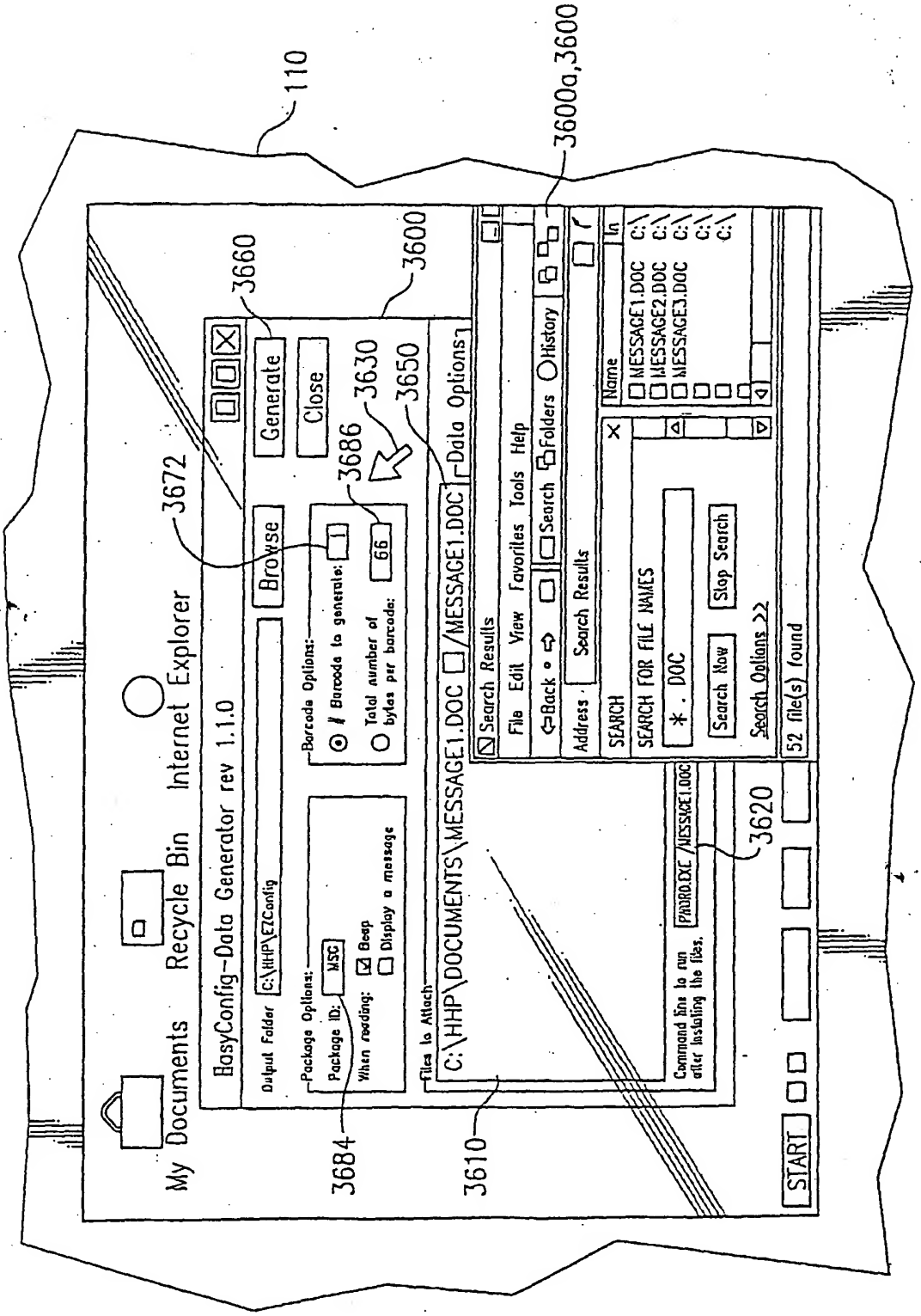


FIG.7a

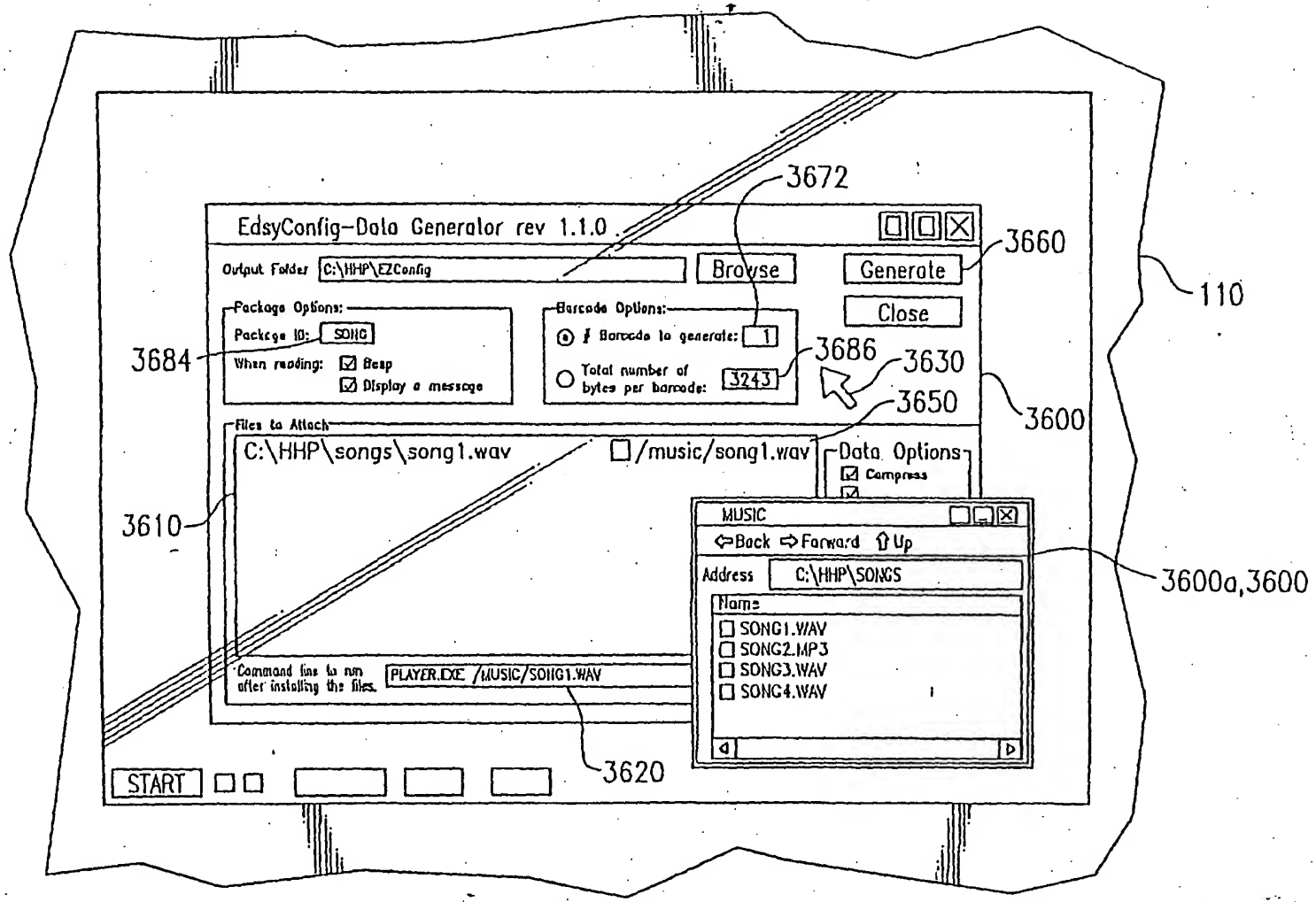


FIG.7b

Adam E. Maggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

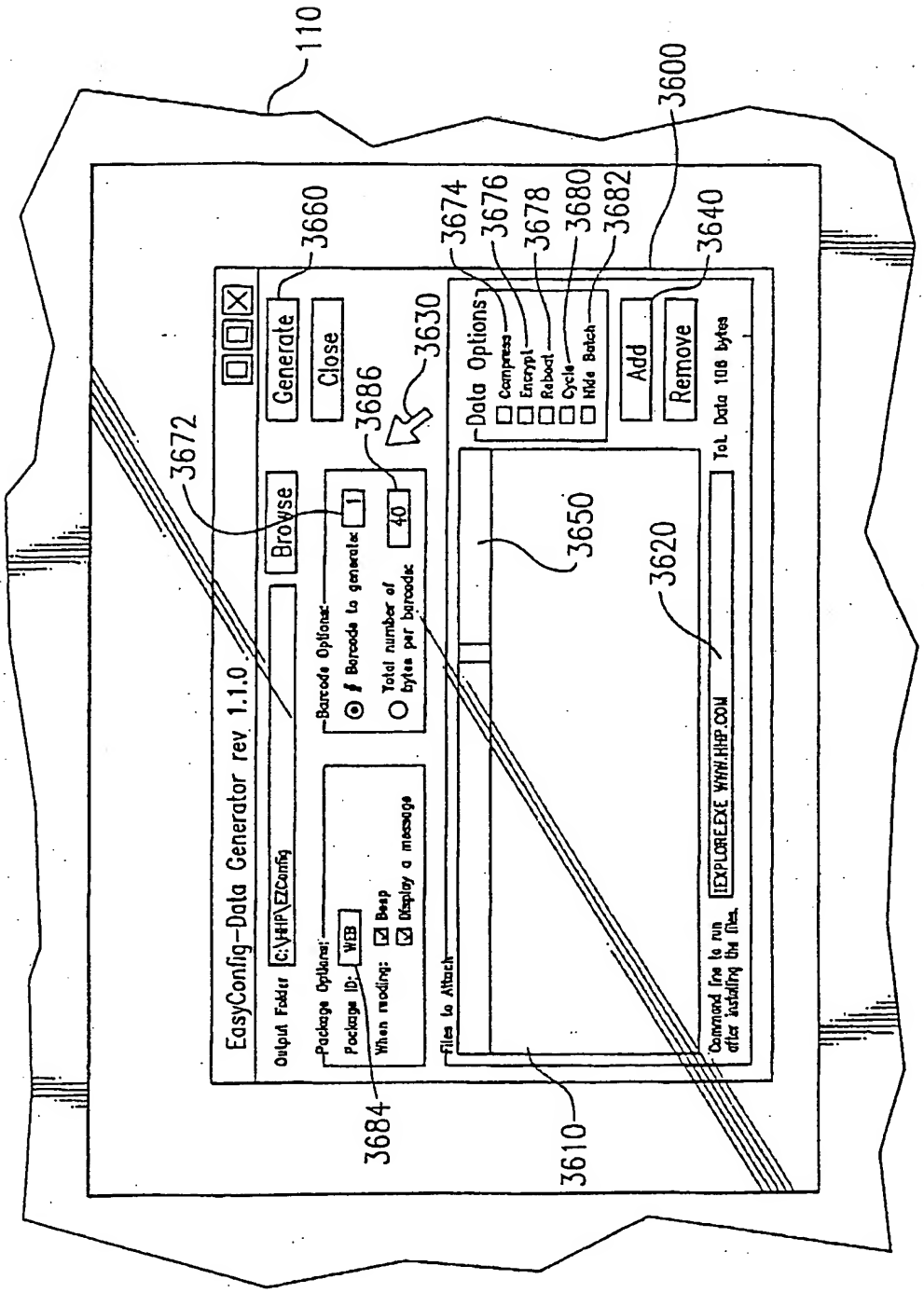

110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3610
3684
EasyConfig-Data Generator rev 1.1.0
Output Folder
C:\HHP\EZConfig
Browse
Generate
Close
Barcode Options:
If Barcode to generate:
1
Total number of bytes per barcode:
40
Package Options:
Package ID:
WEB
When reading:
Beep
Display a message
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot. Data 108 bytes
Files to Attach
Command line to run after installing the files.
IEXPLORE.EXE WWW.HHP.COM

FIG.7c

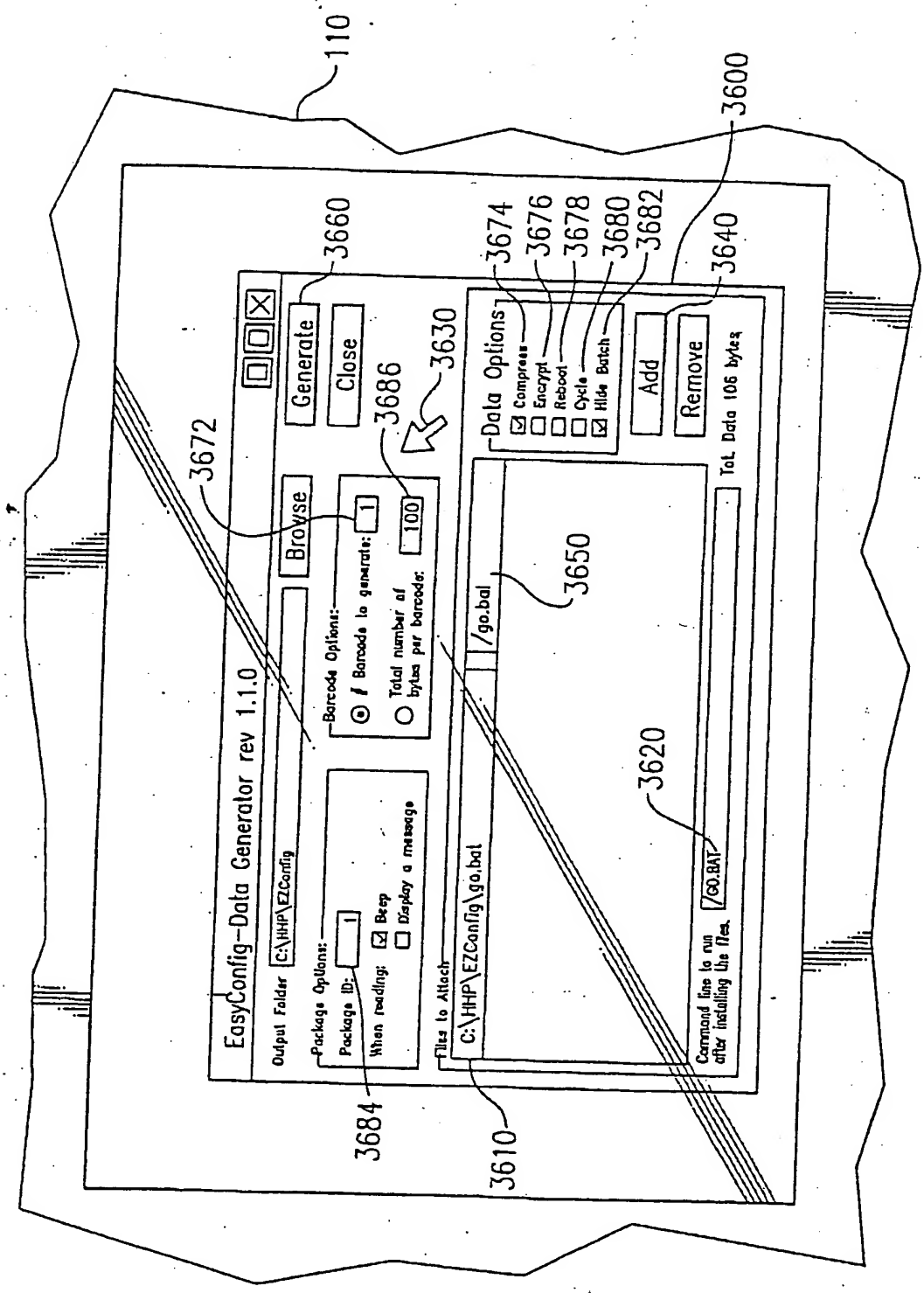

110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3684
3610
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Barcode Options:
If Barcode to generate:
1
Total number of bytes per barcode:
100
Package Options:
Package ID:
1
When reading:
Beep
Display a message
Files to Attach
C:\HHP\EZConfig\go.bat
/go.bat
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot Data 106 bytes
Command line to run after installing the files.
/GO.BAT

FIG.7d

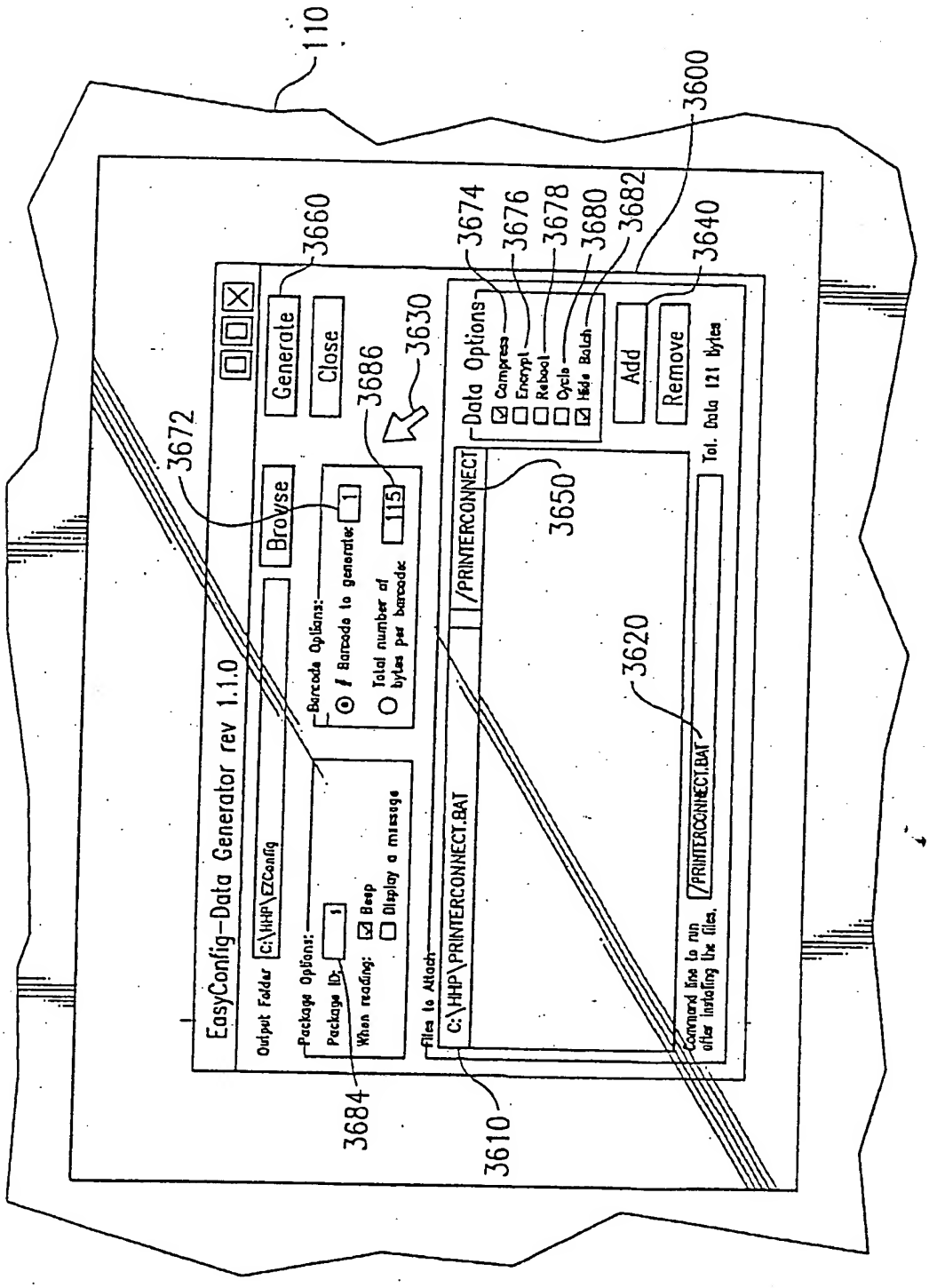

110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3684
3610
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Barcode Options:
Barcode to generate
Total number of bytes per barcode
115
Package Options:
Package ID:
When reading:
Beep
Display a message
Files to Attach:
C:\HHP\PRINTERCONNECT.BAT
/PRINTERCONNECT
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot. Data 121 bytes
Command line to run after installing the files.
/PRINTERCONNECT.BAT

FIG.7e

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

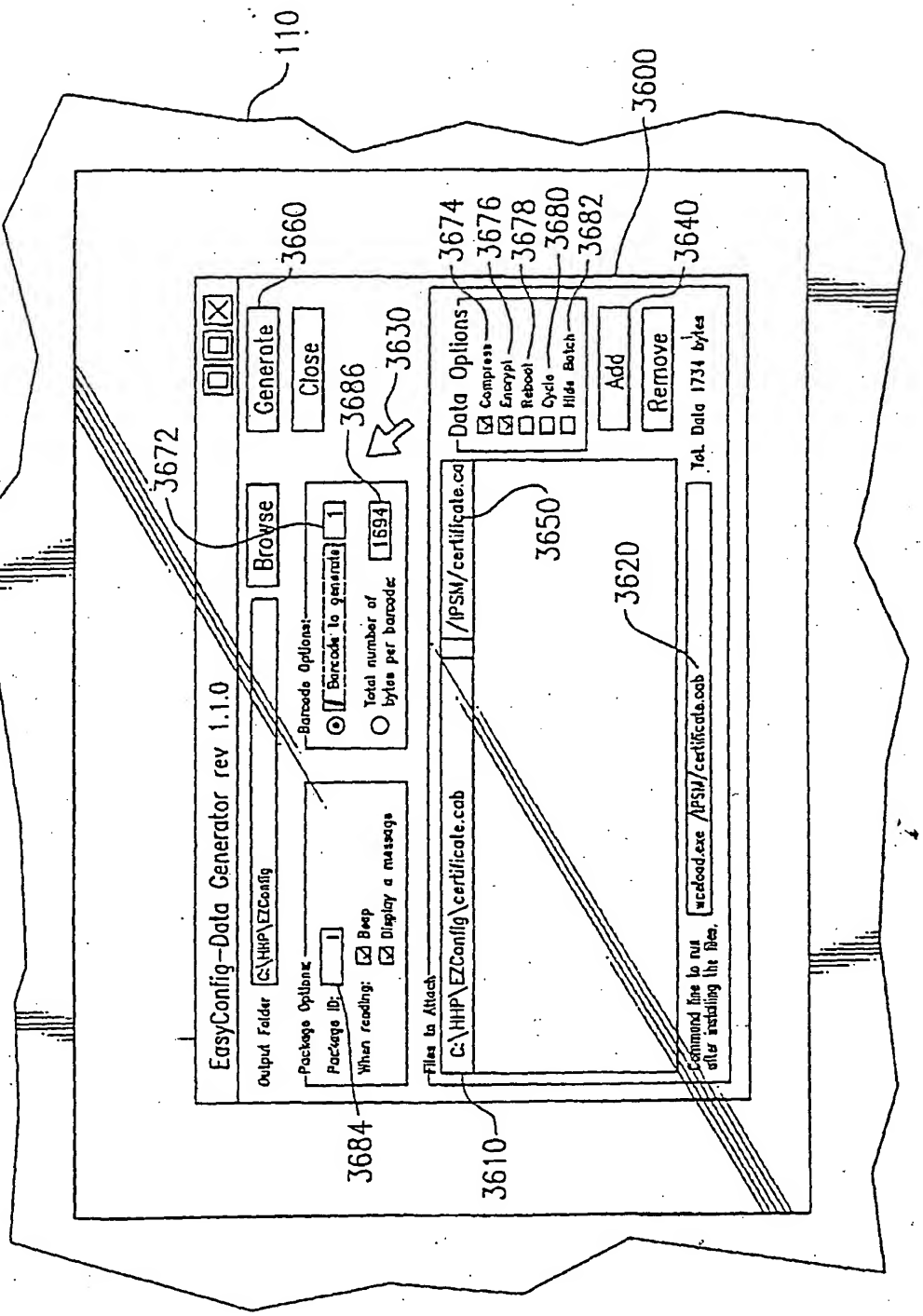


FIG. 7f

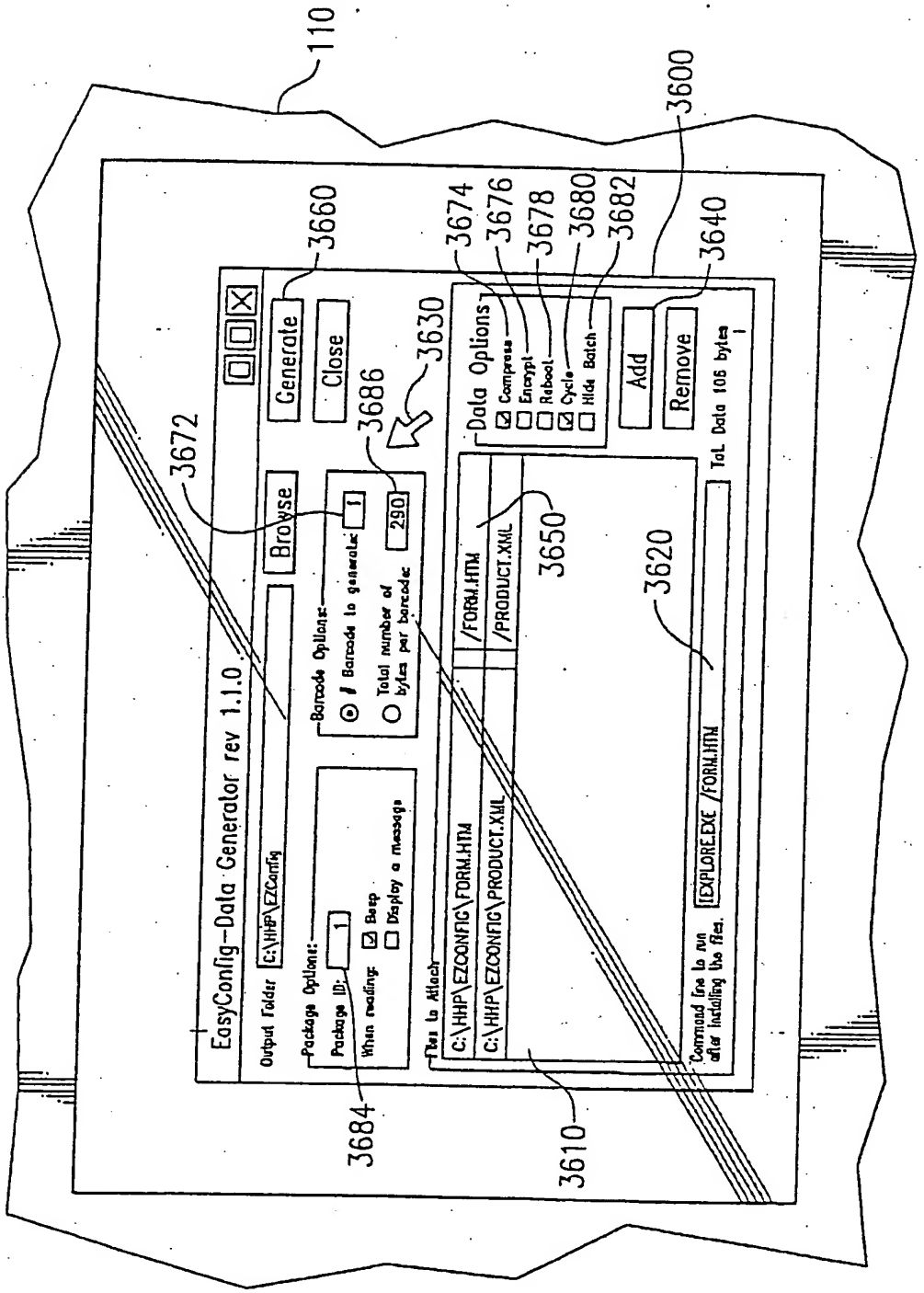

110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3610
3684
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Package Options:
Package ID:
When reading:
Beep
Display a message
Barcode Options:
Barcode to generate:
Total number of bytes per barcode:
290
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot Data 105 bytes
Files to Attach
C:\HHP\EZCONFIG\FORM.HTM
C:\HHP\EZCONFIG\PRODUCT.XML
/FORM.HTM
/PRODUCT.XML
Command line to run after installing the files.
[EXPLORE.EXE /FORM.HTM

FIG.7g

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

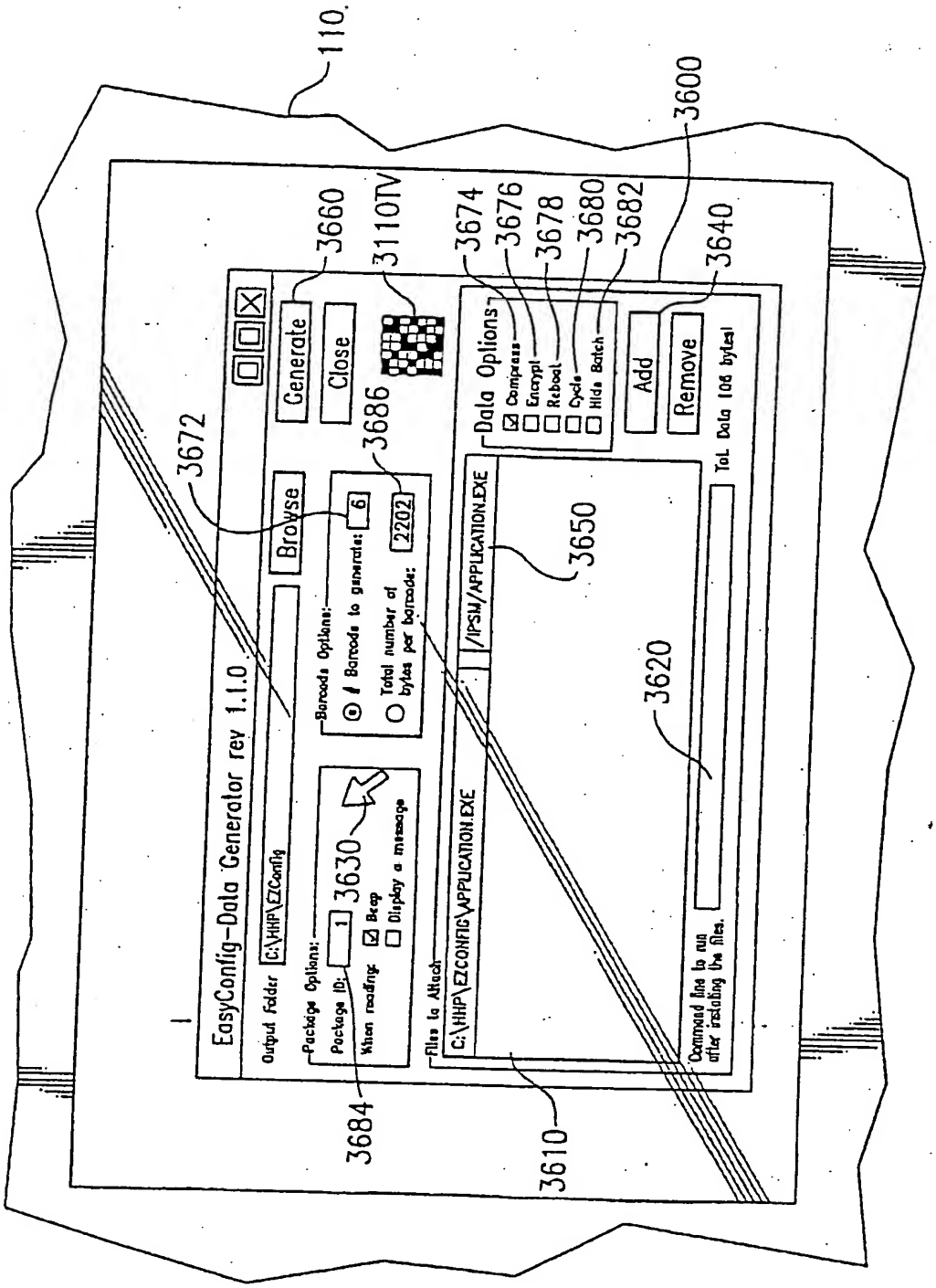


FIG. 7h

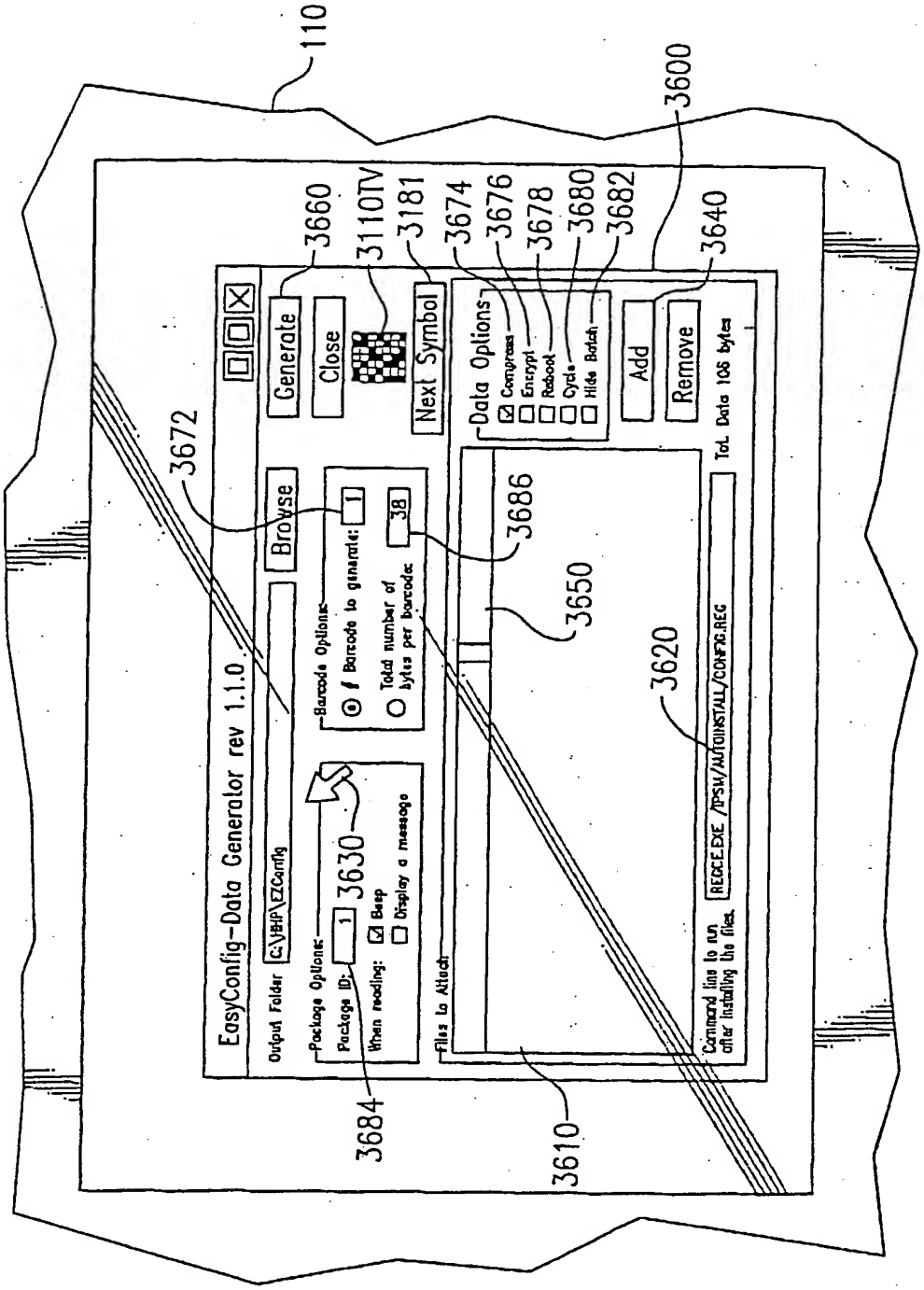

110
3600
3660
3110TV
3181
3674
3676
3678
3680
3682
3640
3672
3686
3650
3620
3610
3684
3630
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Next Symbol
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot. Data 106 bytes
Output Folder
C:\VEHP\EZConfig
Browse
Barcode Options
Barcode to generate:
Total number of bytes per barcode:
Package Options
Package ID:
When reading:
Beep
Display a message
Files to Attach
Command line to run after installing the files
REGCE.EXE /PSH/AUTOINSTALL/CONFIG.REG

FIG.7i

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

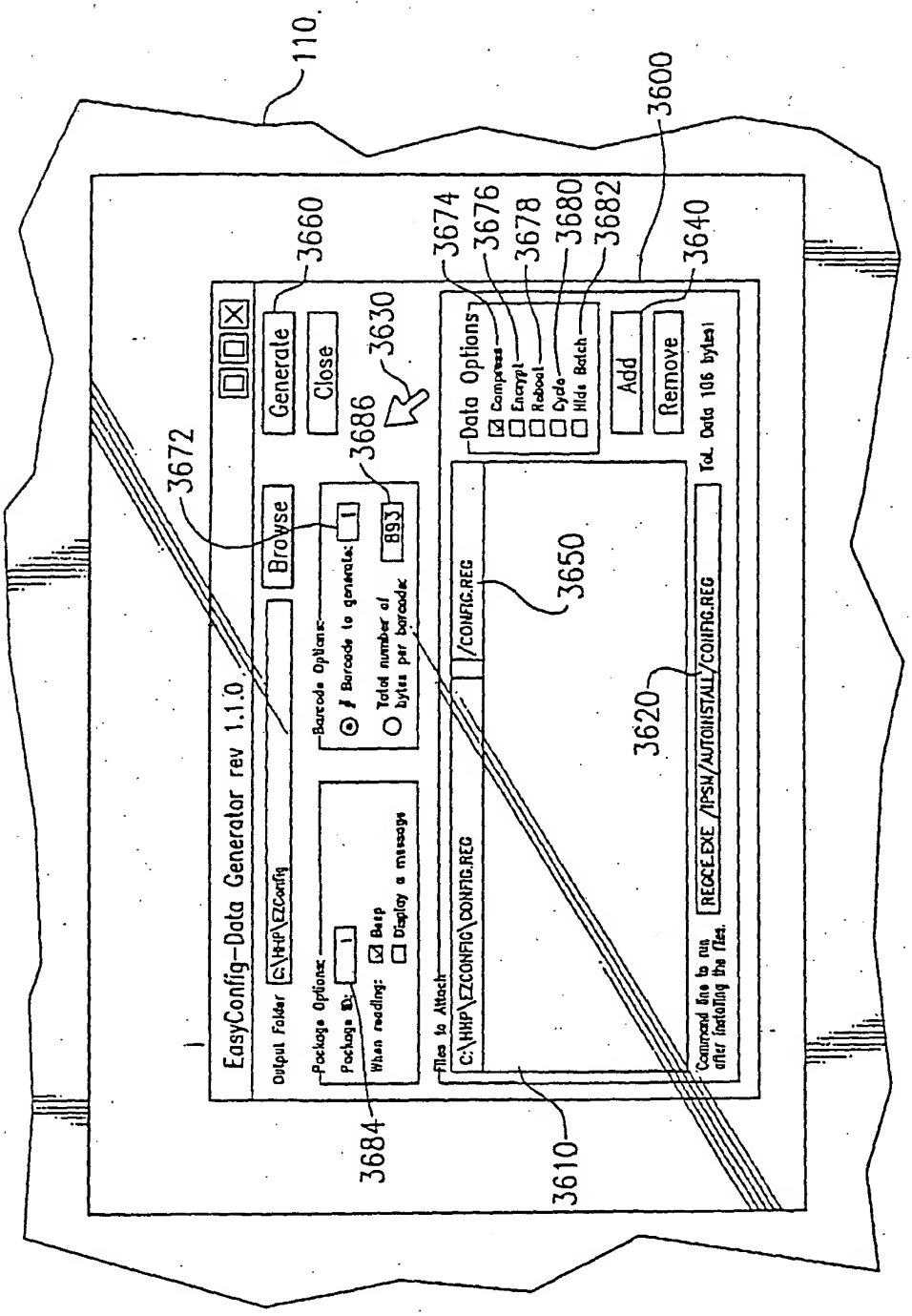


FIG.7j

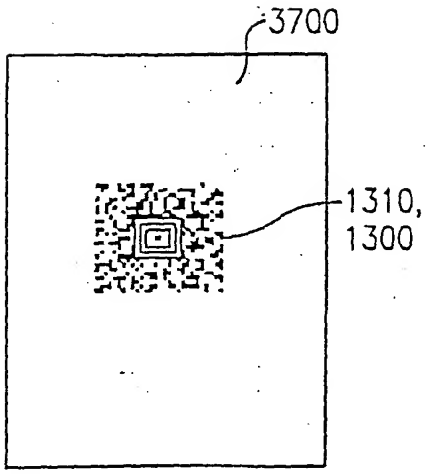


FIG.8a

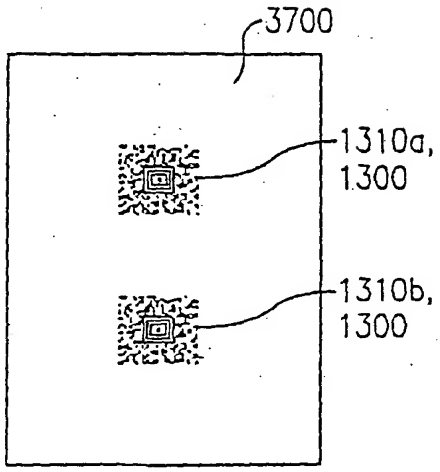


FIG.8b

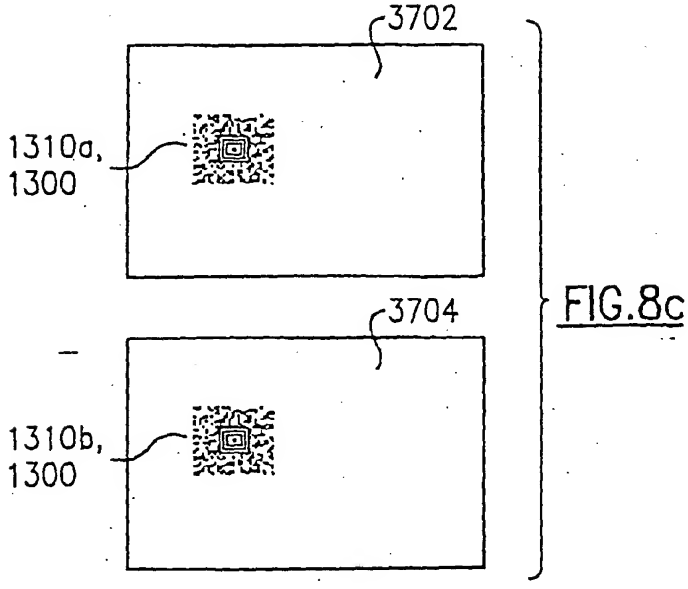


FIG.8c

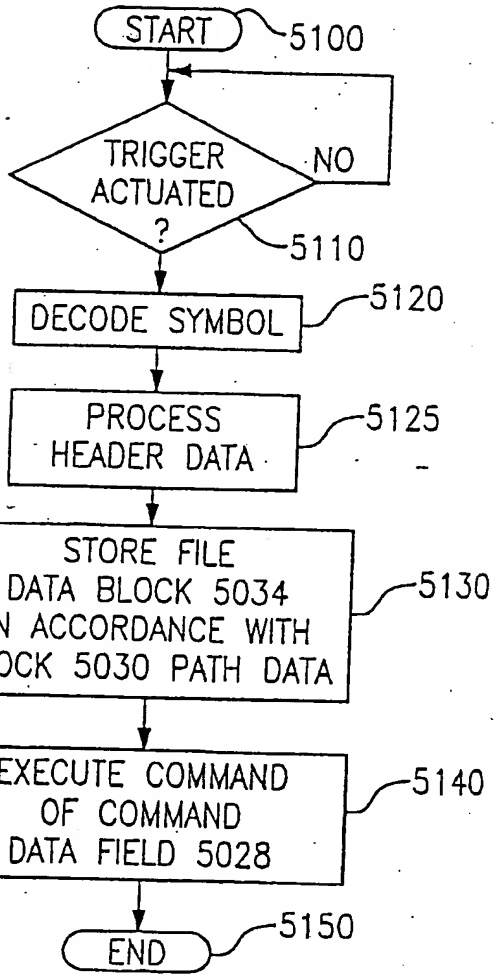

START
5100
TRIGGER ACTUATED ?
NO
5110
DECODE SYMBOL
5120
PROCESS HEADER DATA
5125
STORE FILE DATA BLOCK 5034 IN ACCORDANCE WITH BLOCK 5030 PATH DATA
5130
EXECUTE COMMAND OF COMMAND DATA FIELD 5028
5140
END
5150

FIG.9

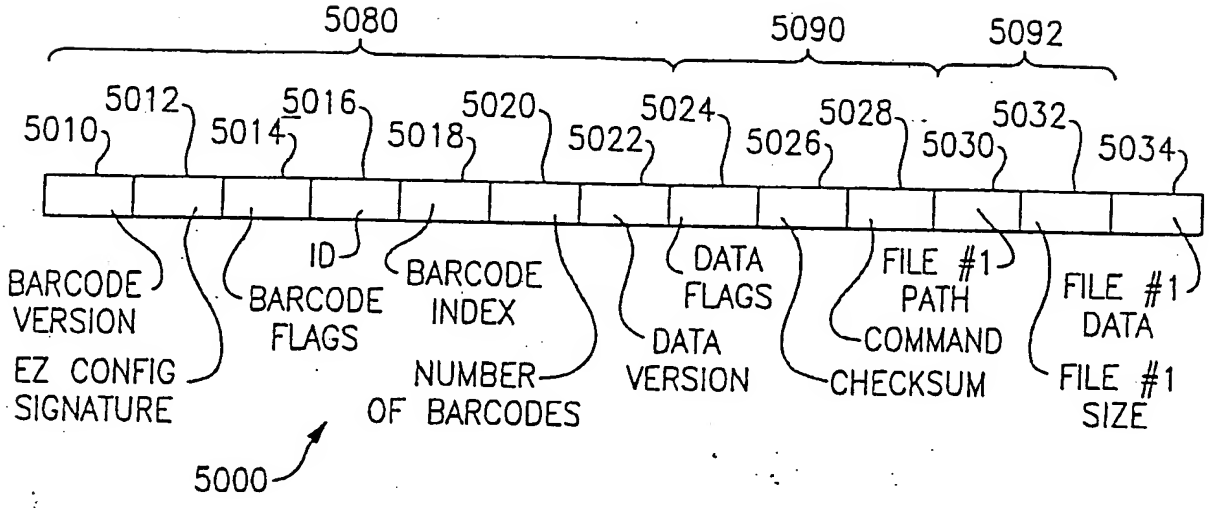

5080
5090
5092
5010
5012
5014
5016
5018
5020
5022
5024
5026
5028
5030
5032
5034
BARCODE VERSION
EZ CONFIG SIGNATURE
BARCODE FLAGS
ID
BARCODE INDEX
NUMBER OF BARCODES
DATA VERSION
DATA FLAGS
CHECKSUM
FILE #1 PATH COMMAND
FILE #1 SIZE
FILE #1 DATA
5000

FIG.10

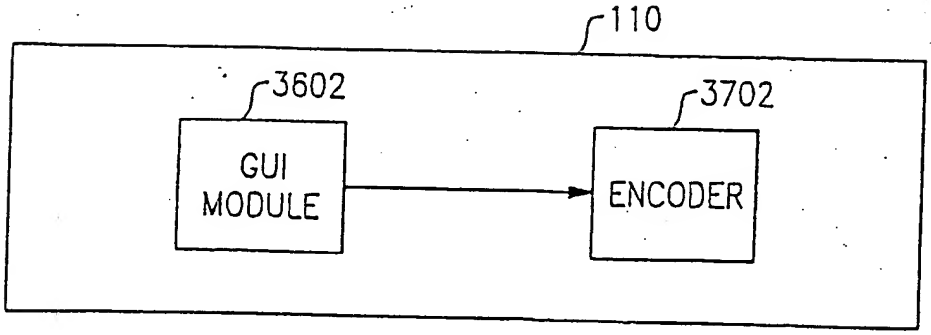


FIG.11A

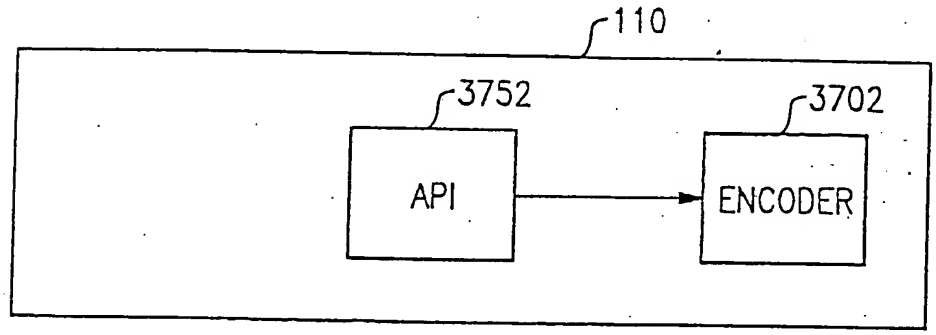


FIG.11B

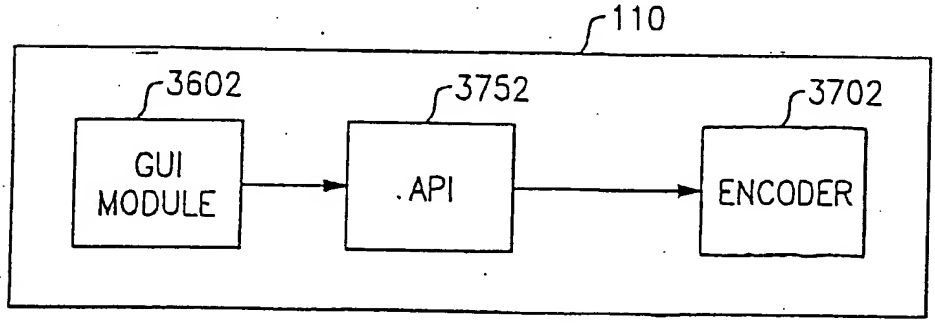


FIG.11C

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

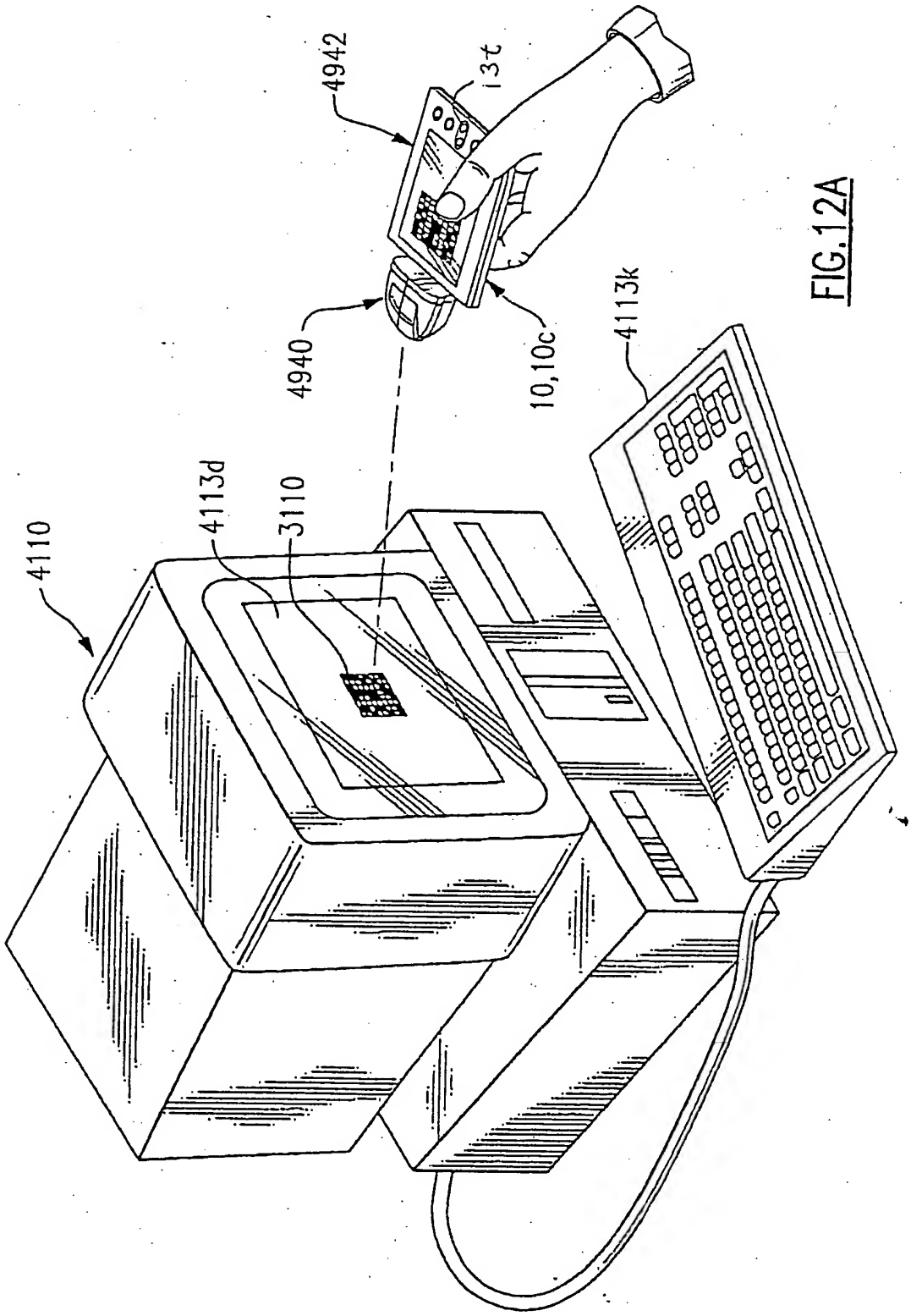


FIG.12A

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

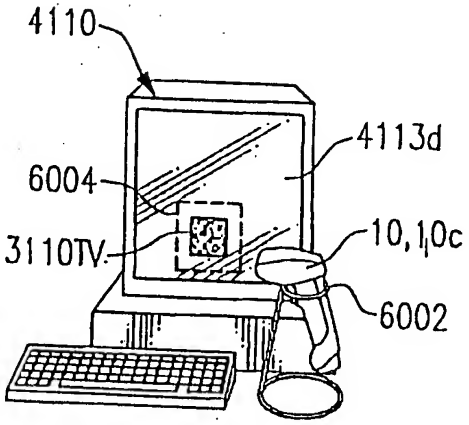


FIG.12B

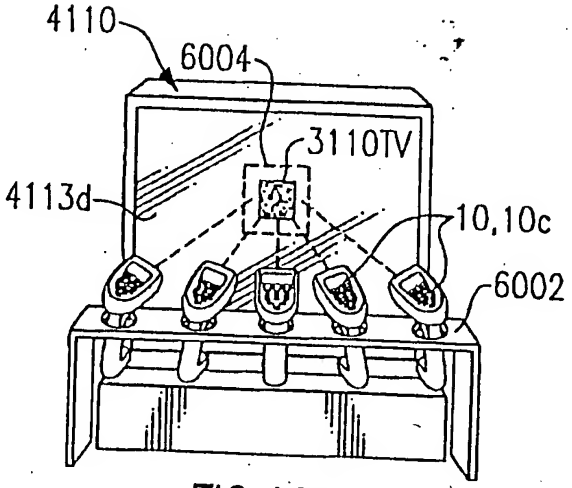


FIG.12C

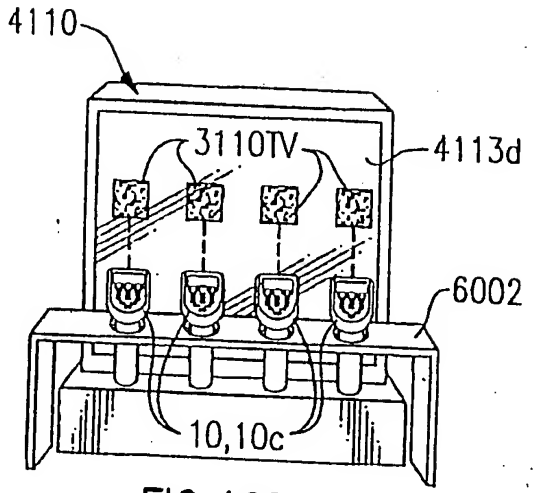


FIG.12D

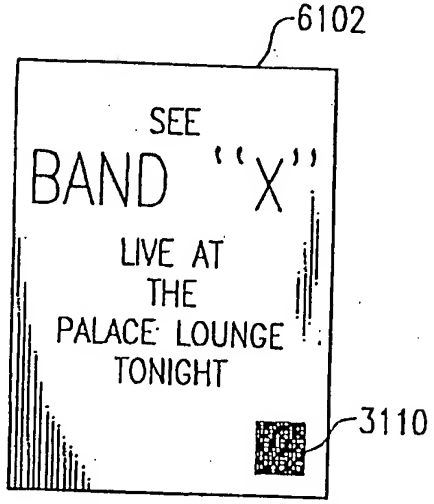


FIG.13A

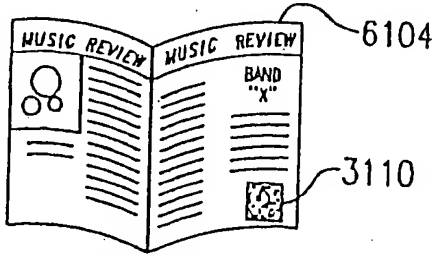


FIG.13B

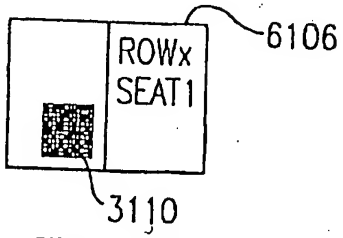


FIG.13C

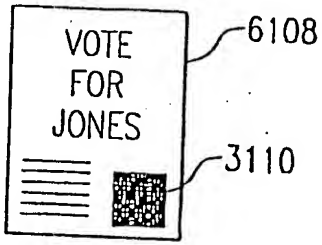


FIG.13D

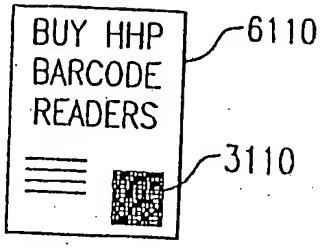


FIG.13E

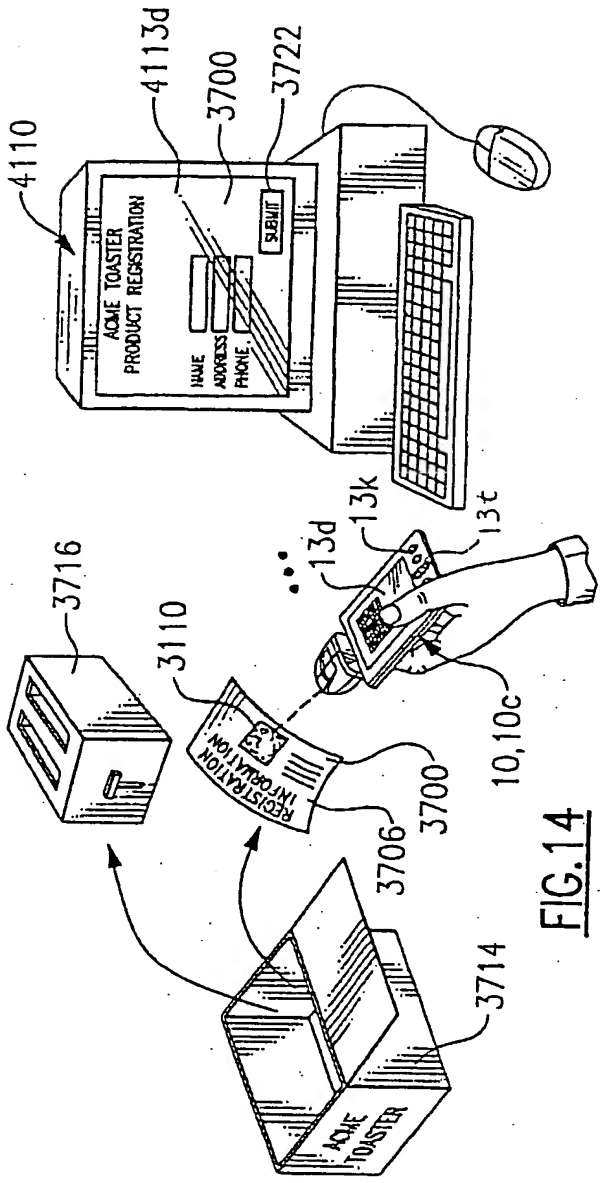
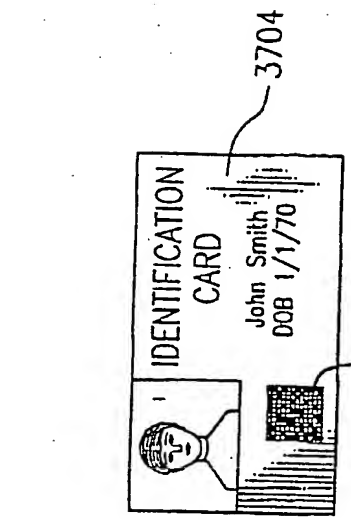

4110
4113d
3700
3722
ACME TOASTER
PRODUCT REGISTRATION
NAME
ADDRESS
PHONE
SUBMIT
3716
3110
13d
13k
13t
10,10c
3706
3700
3714
ACME TOASTER

FIG.14


3704
IDENTIFICATION
CARD
John Smith
DOB 1/1/70
3110,3110e

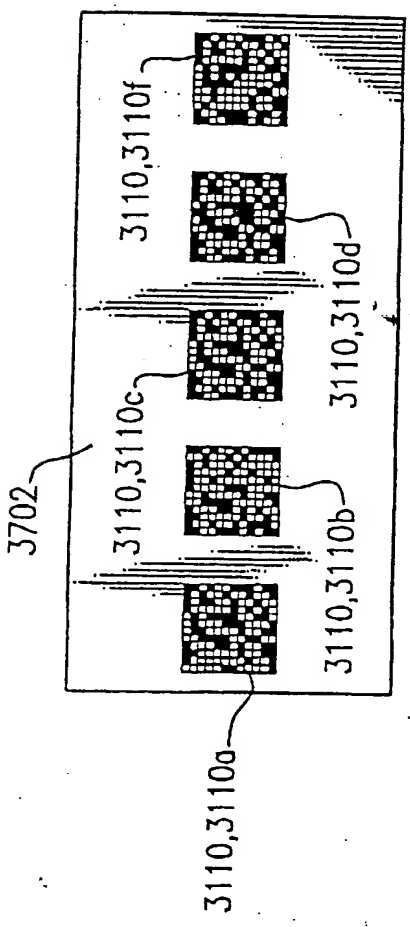

3702
3110,3110a
3110,3110b
3110,3110c
3110,3110d
3110,3110f

FIG.15

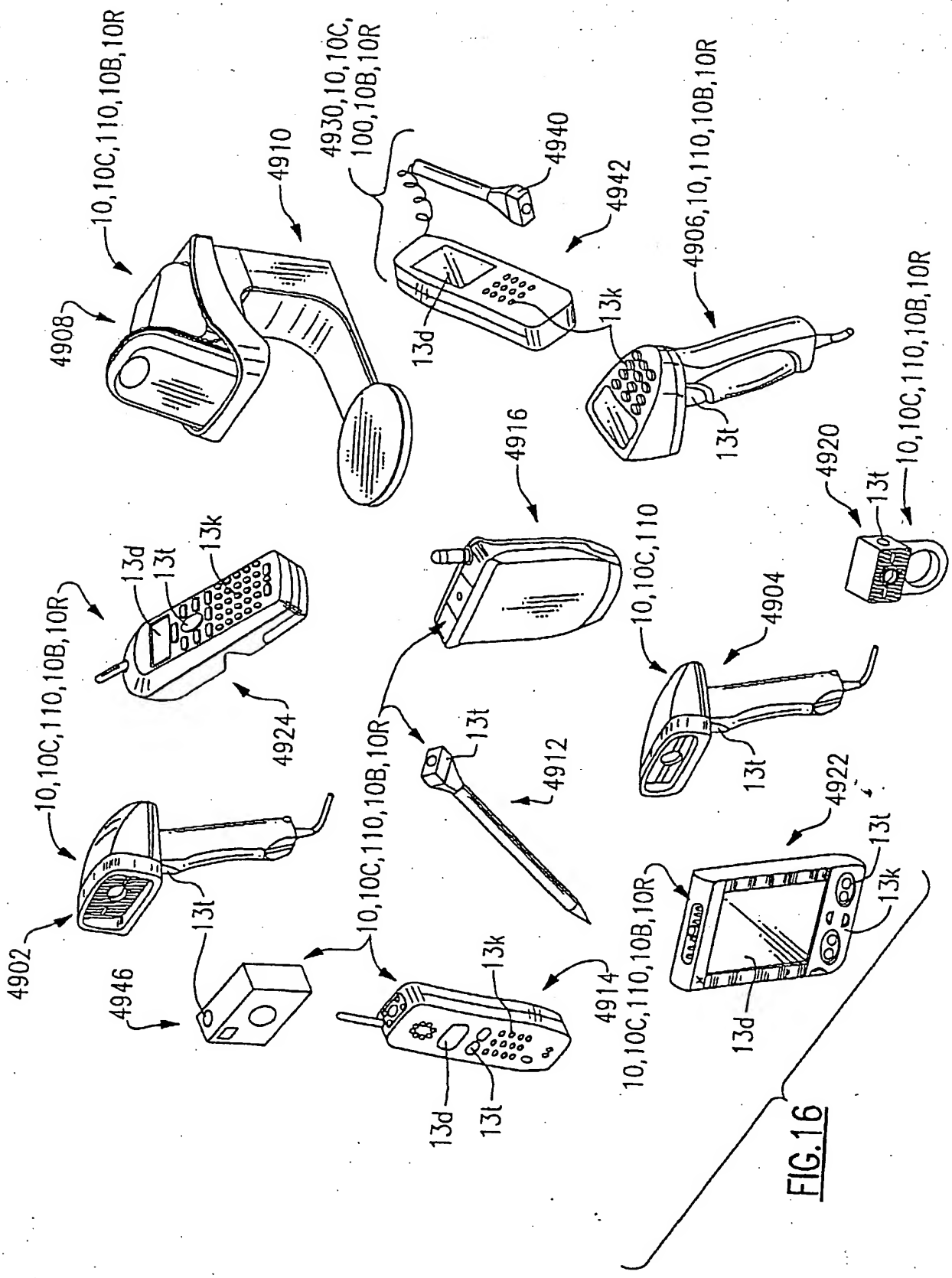

10,10C,110,10B,10R
4910
4908
4930,10,10C,
100,10B,10R
4940
4942
13d
13k
4906,10,110,10B,10R
13t
4916
4920
13t
10,10C,110,10B,10R
10,10C,110
4904
13d
13t
13k
4924
10,10C,110,10B,10R
13t
4912
4922
13t
13k
4902
13t
4946
10,10C,110,10B,10R
13k
4914
10,10C,110,10B,10R
13d
13t
13d
13t

FIG.16

Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

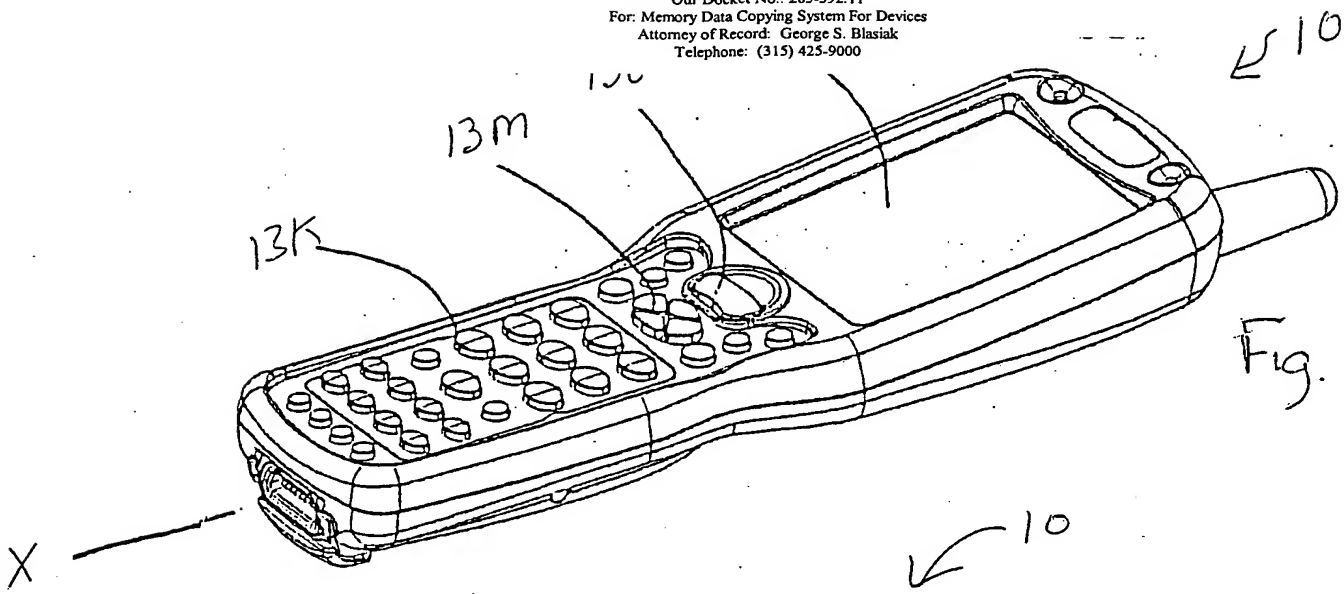


Fig. 17a

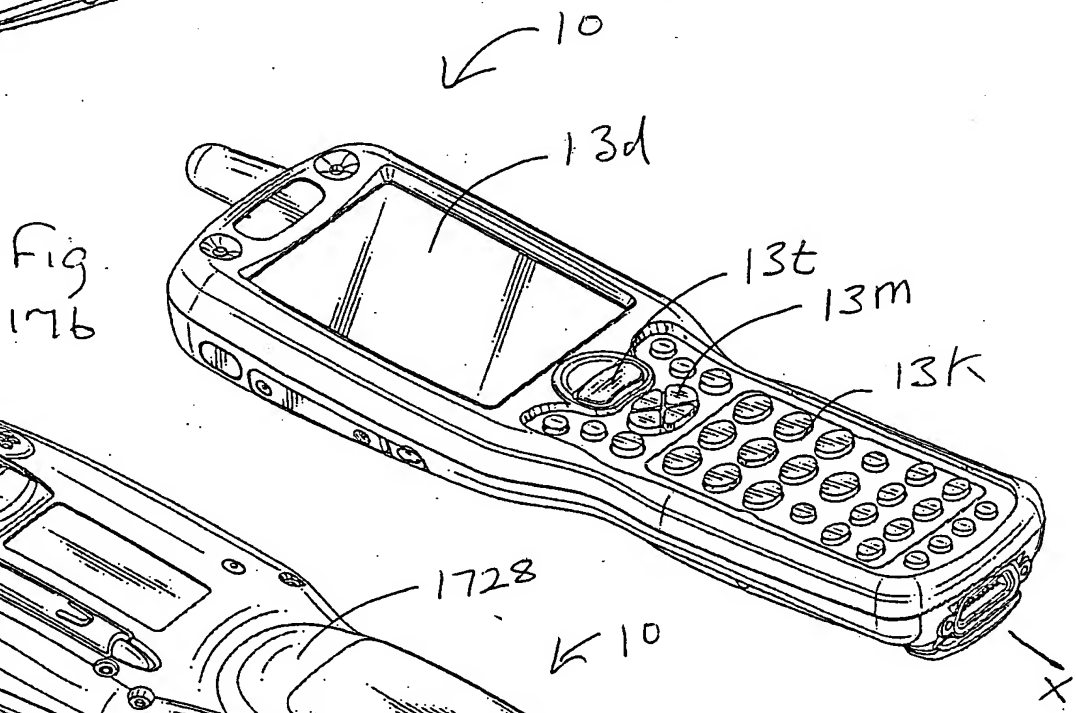


Fig. 17b

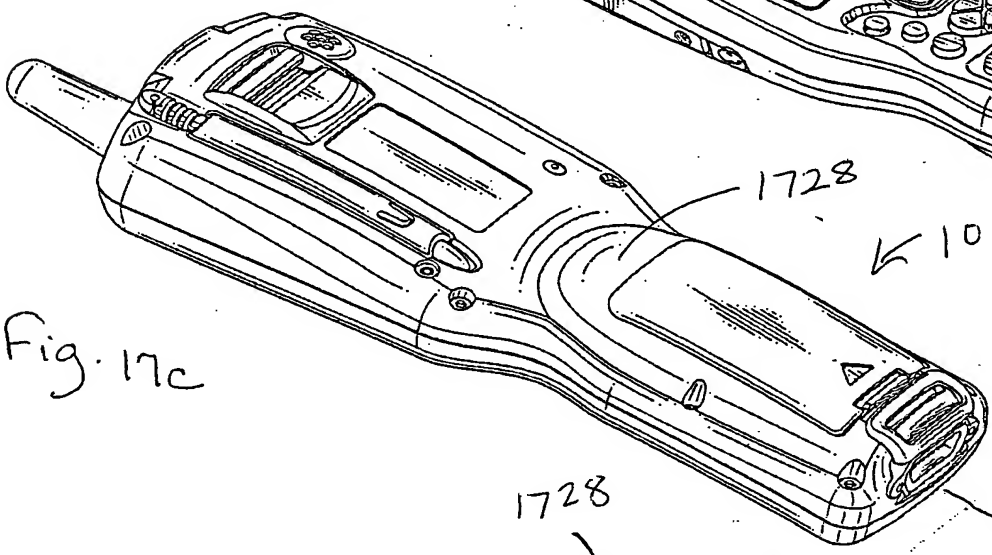


Fig. 17c

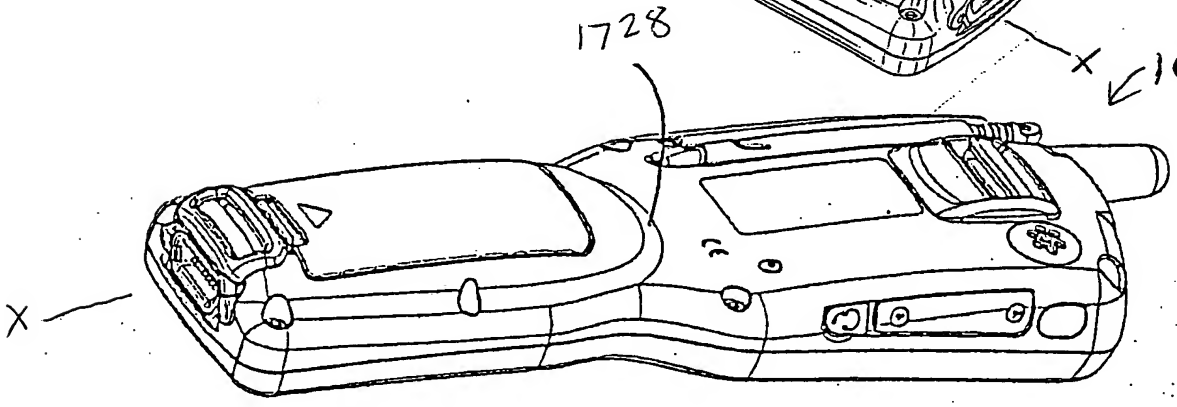


Fig. 17d

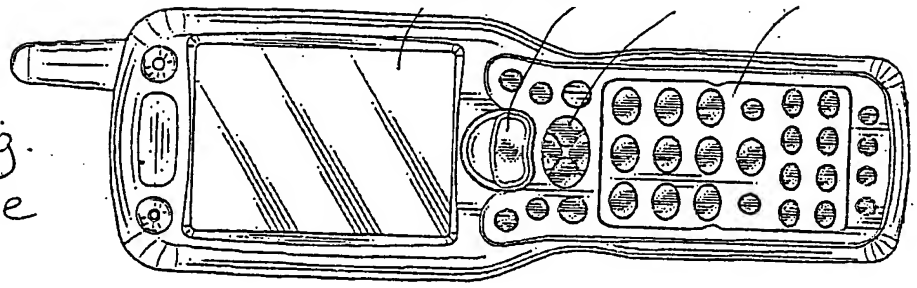


Fig. 17e

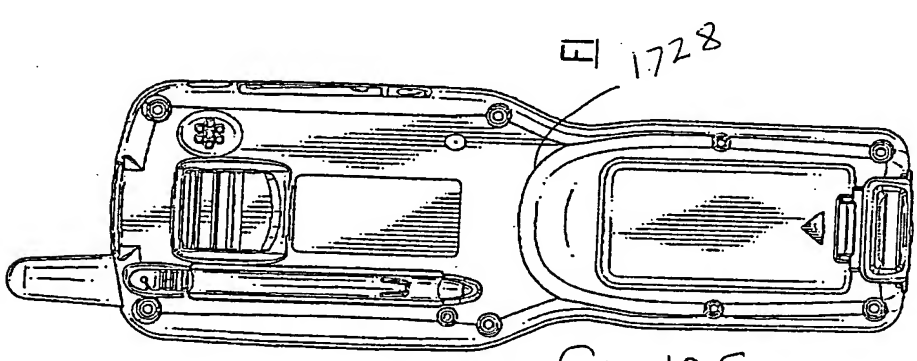


Fig. 17f

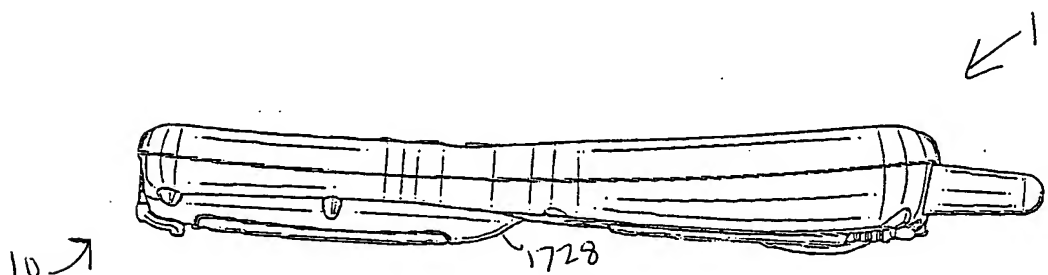


Fig. 17g

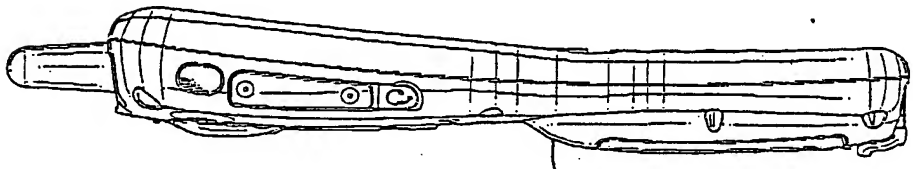


Fig 17h

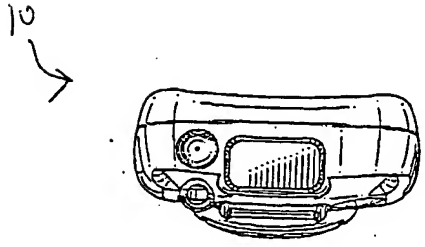


Fig. 17i

Fig. 17j

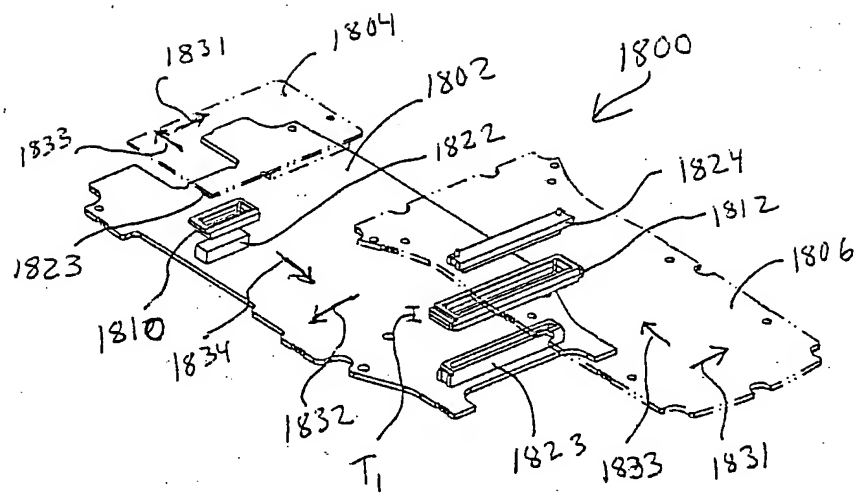

1831
1804
1800
1802
1833
1822
1824
1812
1823
1806
1810
1834
1832
T_1
1823
1833
1831

Fig. 18